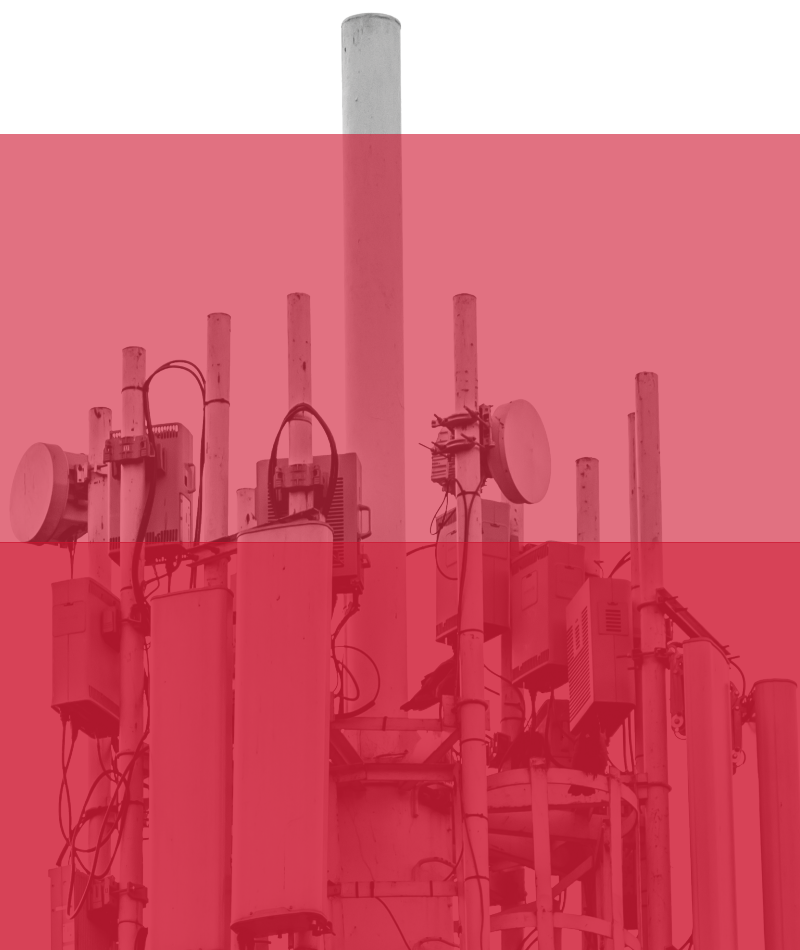




PTTA - FTTA

SOLUTIONS



Overview

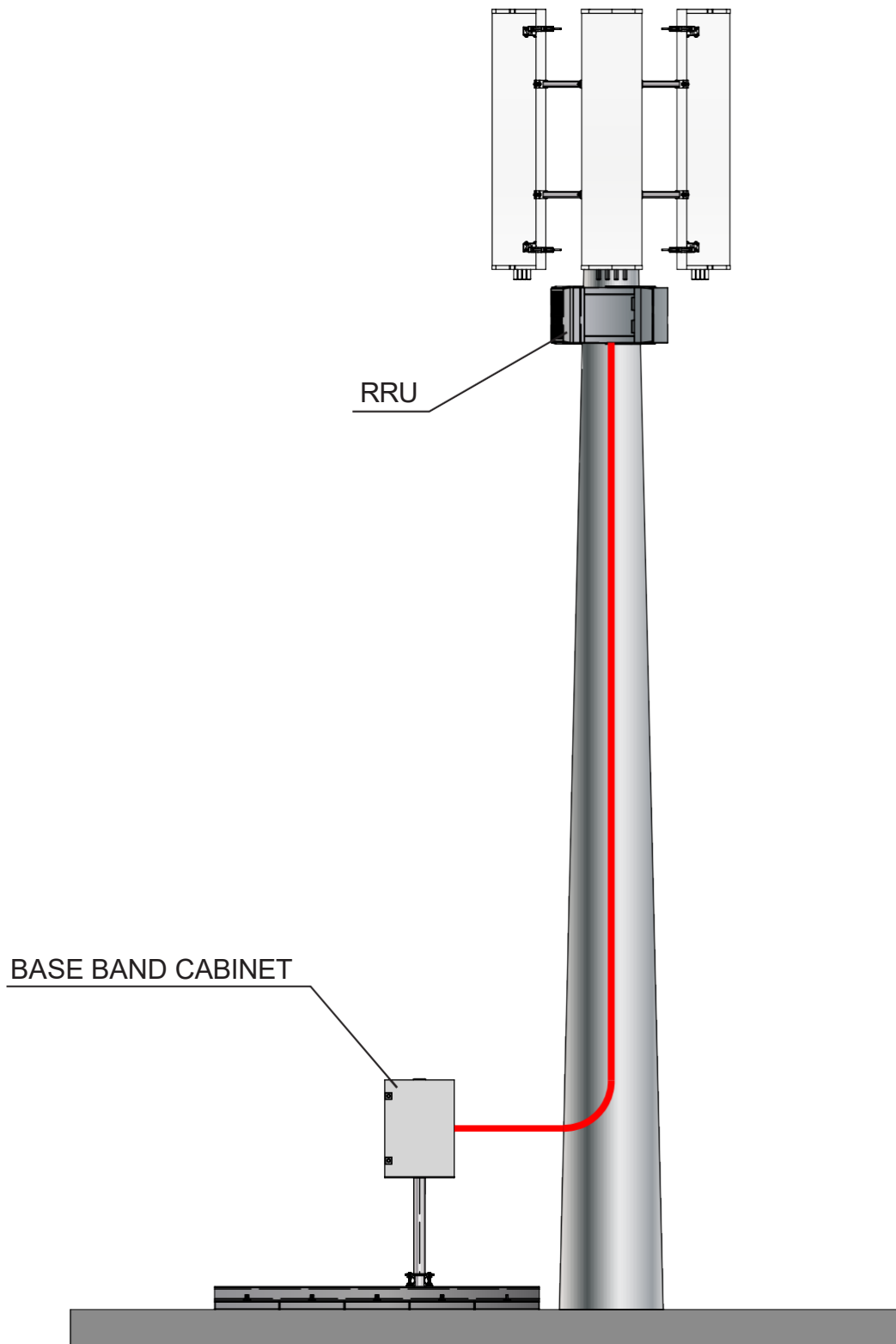
Fimo Solutions



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FTTA DISCRETE OPTICAL CABLE



FTTA DISCRETE OPTICAL CABLE

FIMO Discrete optical fibers are designed for installations where the multiriser cannot be used. They are offered with a wide range of combinations that meet industry standards and waterproof connection systems used by different technology suppliers.

FTTA Discrete Optical Cable

Features

OPTICAL CABLE FEATURES SINGLE MODE G657A2

JACKET	LSZH
COLOR	BLACK
CABLE DIAMETER Ø mm	4,8
UV RESISTANT	YES
RoHS COMPLIANT	YES
INSERTION LOSS PER TERMINATOR	≤0,3 dB
Min. BENDRADIUS (STATIC)	30mm
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km
TEMPERATURE RANGE	-40°C / +80°C

OPTICAL CABLE FEATURES MULTI MODE 50/125

JACKET	LSZH
COLOR	BLACK
CABLE DIAMETER Ø mm	4,8
UV RESISTANT	YES
RoHS COMPLIANT	YES
INSERTION LOSS PER TERMINATOR	≤0,3 dB
Min. BENDRADIUS (STATIC)	48mm
FIBER ATTENUATION (max) 850nm	≤1,0 dB/Km
TEMPERATURE RANGE	-40°C / +80°C

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 10 UP TO 120mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z-C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z-C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z-C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z-C4X0Z-C4

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX MULTIMODE; CONNECTOR SIDE "B" LC DUPLEX MULTIMODE LENGHT FROM 10 UP TO 120mt



GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z-C6X0Z-C6
	Cca-s1a,d0,a1	B2M1C _ X0Z-C6X0Z-C6
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z-C6X0Z-C6
	Cca-s1a,d0,a1	B2M3C _ X0Z-C6X0Z-C6

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

E III

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; FULLAXS; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 10 UP TO 120mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z2C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z2C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z2C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z2C4X0Z-C4

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

NOKIA

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; NSN; CONNECTOR SIDE "B" LC DUPLEX UPC; LENGHT FROM 10 UP TO 120mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z3C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z3C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z3C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z3C4X0Z-C4

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

FTTA Discrete Optical Cable

OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX MULTIMODE NSN; CONNECTOR SIDE "B" LC DUPLEX MULTIMODE LENGHT FROM 10 UP TO 120mt



GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z3C6X0Z-C6
	Cca-s1a,d0,a1	B2M1C _ X0Z3C6X0Z-C6
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z3C6X0Z-C6
	Cca-s1a,d0,a1	B2M3C _ X0Z3C6X0Z-C6

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

HUAWEI

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC HUAWEI; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 10 UP TO 120mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z4C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z4C4X0Z-C4

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC HUAWEI; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 10 UPTO 120mt

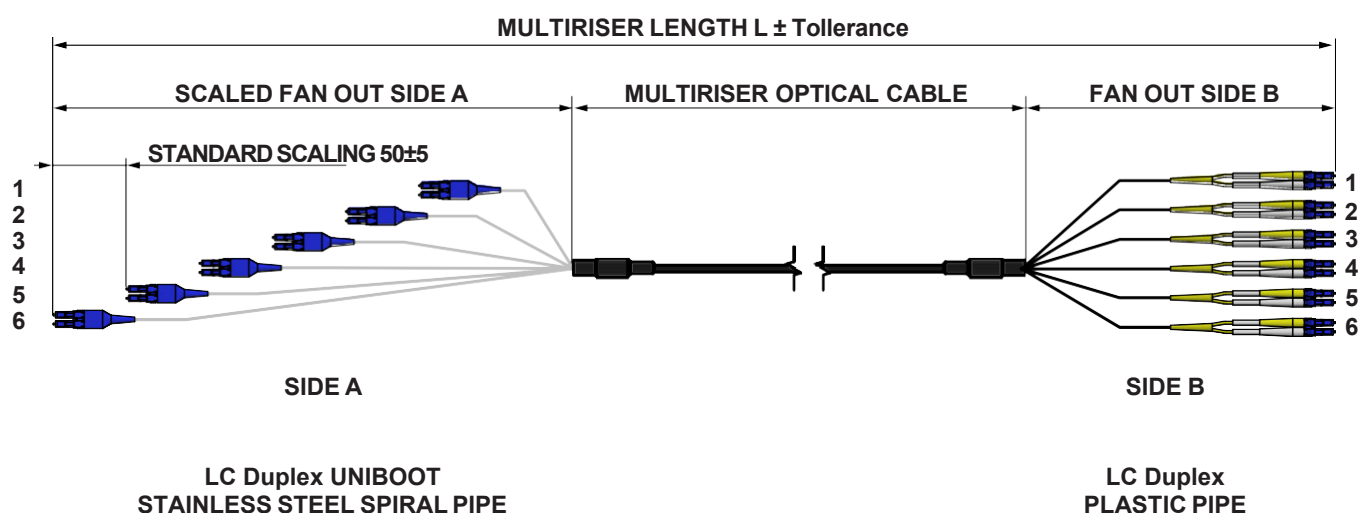


GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2M1C _ X0Z4C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2M3C _ X0Z4C4X0Z-C4

TO COMPLETE THE PART NUMBER, CHANGE THE UNDERSCORE WITH THE LENGTH IN METER FROM 10MT UP TO 120MT

FTTA MULTIRISER

The FIMO Optical Multiriser, with up to 24 pairs of optical fibres, allows you to connect the base band to the FTTA distribution box with a single optical cable. For FIMO FTTA BOX Distribution, the distribution box side connection is defined by FIMO to get an easy connection, the baseband side connection is defined by the customer to optimize the length of the fan out, the type of protection (plastic or steel) and the connector. For other application, is possible to customize the both side of the Multiriser. The LC Duplex UNIBOOT connector is always associated with the steel pipe protection. In the tables below, the part numbers of the most common multiriser configurations are indicated.



MULTIRISER Ø5,5mm Optical Single Mode Cable Features

	STEEL ARMORED	GLASS ARMORED	STEEL ARMORED	GLASS ARMORED
	Cca-s1a,d0,a1	Cca-s1a,d0,a1	Dca-s1,d0,a1	Dca-s1,d0,a1
CABLE	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2
JACKET	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE
COLOR	BLACK	BLACK	BLACK	BLACK
CABLE DIAMETER Ø mm	5,5	5,5	5,5	5,5
RODENT PROTECTION	STEEL ARMORED	GLASS ARMORED	STEEL ARMORED	GLASS ARMORED
UV RESISTANT	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h
RoHS COMPLIANT	YES	YES	YES	YES
CPR EUROCLASS	Cca-s1,d0,a1	Cca-s1,d0,a1	Dca-s1,d0,a1	Cca-s1,d0,a1
MINIMAL BENDING RADIUS (mm)	165	100	165	100
INSERTION LOSS PER TERMINATOR	≤0,3 dB	≤0,3 dB	≤0,3 dB	≤0,3 dB
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km
TEMPERATURE RANGE	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C

MULTIRISER

G657A2 OUTDOOR Ø5mm

CONNECTOR SIDE A SCALED FAN OUT 70cm STEEL PIPE LC DUPLEX UNIBOOT UPC (Base Band Side)

CONNECTOR SIDE B FAN OUT 25cm PLASTIC PIPE LC DUPLEX UPC (FTTA Box Side)

12 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M12S1D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M12S1C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M12S3D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M12S3C ___ S7S-F1YBX-C4	
18 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M18S1D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M18S1C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M18S3D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M18S3C ___ S7S-F1YBX-C4	
24 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M24S1D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M24S1C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M24S3D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M24S3C ___ S7S-F1YBX-C4	
36 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M36S1D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M36S1C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M36S3D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M36S3C ___ S7S-F1YBX-C4	
48 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M48S1D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M48S1C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M48S3D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M48S3C ___ S7S-F1YBX-C4	

MULTIRISER Ø7mm Optical Single Mode Cable Features

	STEEL ARMORED	GLASS ARMORED	STEEL ARMORED	GLASS ARMORED
	Cca-s1a,d0,a1	Cca-s1a,d0,a1	Dca-s1,d0,a1	Dca-s1,d0,a1
CABLE	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2
JACKET	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE
COLOR	BLACK	BLACK	BLACK	BLACK
CABLE DIAMETER Ø mm	7	7	7	7
RODENT PROTECTION	STEEL ARMORED	STEEL ARMORED	STEEL ARMORED	STEEL ARMORED
UV RESISTANT	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h
RoHS COMPLIANT	YES	YES	YES	YES
CPR EUROCLASS	Cca-s1,d0,a1	Cca-s1,d0,a1	Dca-s1,d0,a1	Cca-s1,d0,a1
MINIMAL BENDING RADIUS (mm)	210	140	210	140
INSERTION LOSS PER TERMINATOR	≤0,3 dB	≤0,3 dB	≤0,3 dB	≤0,3 dB
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km
TEMPERATURE RANGE	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C

MULTIRISER

G657A2 OUTDOOR Ø7mm

CONNECTOR SIDE A SCALED FAN OUT 70cm STEEL PIPE LC DUPLEX UNIBOOT UPC (Base Band Side)

CONNECTOR SIDE B FAN OUT 25cm PLASTIC PIPE LC DUPLEX UPC (FTTA Box Side)

12 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M12S7D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M12S7C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M12S8D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M12S8C ___ S7S-F1YBX-C4	
18 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M18S7D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M18S7C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M18S8D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M18S8C ___ S7S-F1YBX-C4	
24 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M24S7D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M24S7C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M24S8D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M24S8C ___ S7S-F1YBX-C4	
36 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M36S7D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M36S7C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M36S8D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M36S8C ___ S7S-F1YBX-C4	
48 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M48S7D ___ S7S-F1YBX-C4	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M48S7C ___ S7S-F1YBX-C4	
	STEEL ARMORED	Dca-s1,d0,a1	M48S8D ___ S7S-F1YBX-C4	
		Cca-s1a,d0,a1	M48S8C ___ S7S-F1YBX-C4	



The **FIMO** Optical Multiriser, with up to 24 pairs of optical fibres, allows you to connect the base band to the Hybrid Box (HTTA) and FTTA-M distribution box with a single optical cable. The baseband side connection is defined by the customer to optimize the fan out length, the type of protection (plastic or steel) and the connector. The LC Duplex UNIBOOT connector is always associated with the steel pipe protection. In the tables below, the part numbers of the most common multiriser configurations are indicated.

MULTIRISER Ø5,5mm Optical Single Mode Cable Features

	STEEL ARMORED	GLASS ARMORED	STEEL ARMORED	GLASS ARMORED
	Cca-s1a,d0,a1	Cca-s1a,d0,a1	Dca-s1,d0,a1	Dca-s1,d0,a1
CABLE	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2
JACKET	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE
COLOR	BLACK	BLACK	BLACK	BLACK
CABLE DIAMETER Ø mm	5,5	5,5	5,5	5,5
RODENT PROTECTION	STEEL ARMORED	GLASS ARMORED	STEEL ARMORED	GLASS ARMORED
UV RESISTANT	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h
RoHS COMPLIANT	YES	YES	YES	YES
CPR EUROCLASS	Cca-s1,d0,a1	Cca-s1,d0,a1	Dca-s1,d0,a1	Cca-s1,d0,a1
MINIMAL BENDING RADIUS (mm)	165	100	165	100
INSERTION LOSS MPO	Max 0,6dB; Mean 0,35dB	Max 0,6dB; Mean 0,35dB	Max 0,6dB; Mean 0,35dB	Max 0,6dB; Mean 0,35dB
RETURN LOSS PER MPO	Min 60 dB	Min 60 dB	Min 60 dB	Min 60 dB
INSERTION LOSS LC/UPC	≤0,3 dB	≤0,3 dB	≤0,3 dB	≤0,3 dB
RETURN LOSS PER LC/UPC	Min 50 dB	Min 50 dB	Min 50 dB	Min 50 dB
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km
TEMPERATURE RANGE	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C

**MULTIRISER
G657A2 OUTDOOR Ø5,5mm
CONNECTOR SIDE A SUPERTAP MPO
CONNECTOR SIDE B SCALED FAN OUT 70cm STEEL PIPE LC DUPLEX UNIBOOT**

24 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M24S1D ___ X0Z5A1S7S-F1	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M24S1C ___ X0Z5A1S7S-F1	
	STEEL ARMORED	Dca-s1,d0,a1	M24S3D ___ X0Z5A1S7S-F1	
		Cca-s1a,d0,a1	M24S3C ___ X0Z5A1S7S-F1	
48 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M48S1D ___ X0Z5A1S7S-F1	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M48S1C ___ X0Z5A1S7S-F1	
	STEEL ARMORED	Dca-s1,d0,a1	M48S3D ___ X0Z5A1S7S-F1	
		Cca-s1a,d0,a1	M48S3C ___ X0Z5A1S7S-F1	



MULTIRISER Ø7mm Optical Single Mode Cable Features

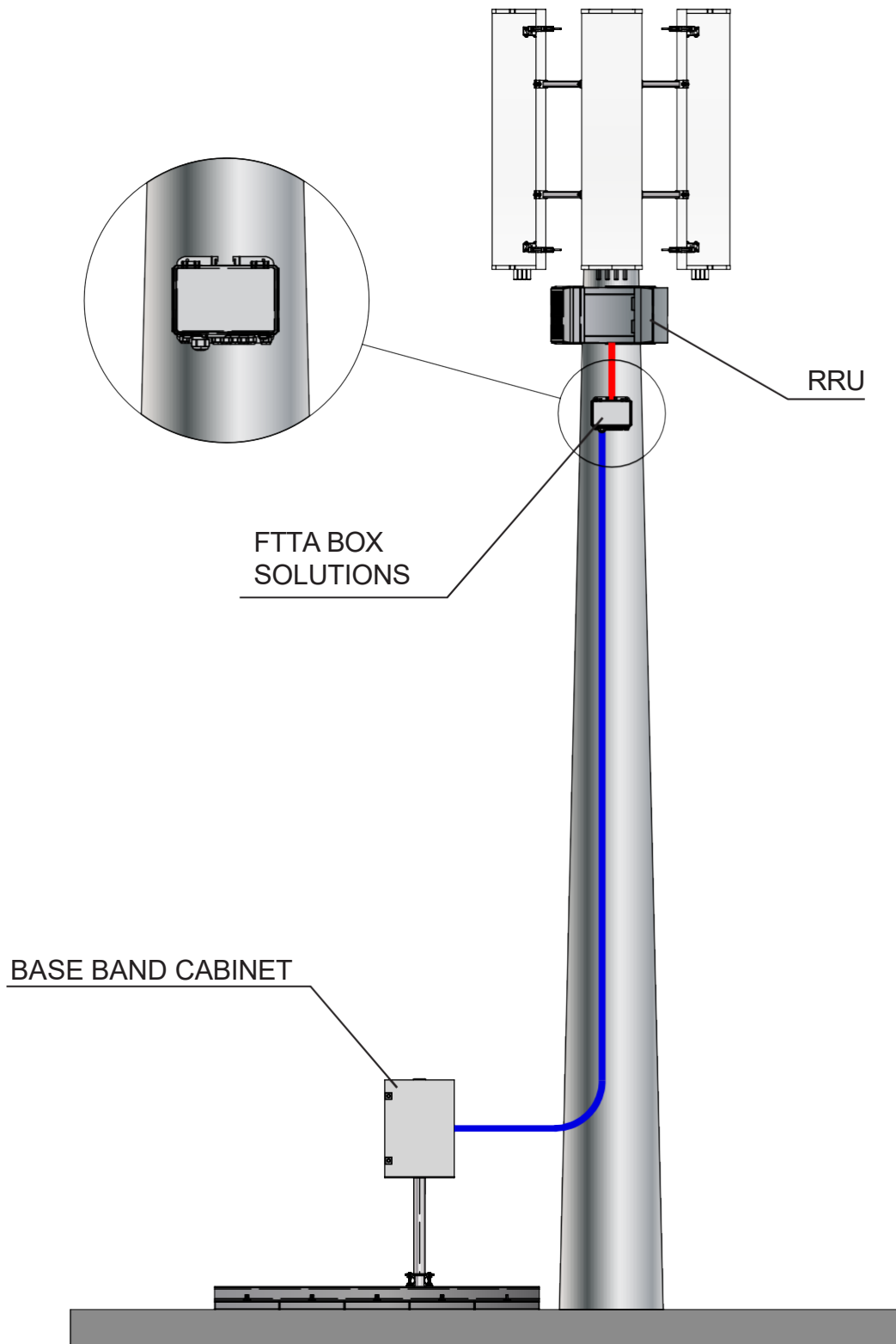
	STEEL ARMORED	GLASS ARMORED	STEEL ARMORED	GLASS ARMORED
	Cca-s1a,d0,a1	Cca-s1a,d0,a1	Dca-s1,d0,a1	Dca-s1,d0,a1
CABLE	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2	24 / 48F SM G657A2
JACKET	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE	LSZH JACKET ROUND CABLE
COLOR	BLACK	BLACK	BLACK	BLACK
CABLE DIAMETER Ø mm	7	7	7	7
RODENT PROTECTION	STEEL ARMORED	STEEL ARMORED	STEEL ARMORED	STEEL ARMORED
UV RESISTANT	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h	OUTER JACKET AC-CORDANCE IEC60794-1-22F14, 4000h
RoHS COMPLIANT	YES	YES	YES	YES
CPR EUROCLASS	Cca-s1,d0,a1	Cca-s1,d0,a1	Dca-s1,d0,a1	Cca-s1,d0,a1
MINIMAL BENDING RADIUS (mm)	210	140	210	140
INSERTION LOSS MPO	Max 0,6dB; Mean 0,35dB	Max 0,6dB; Mean 0,35dB	Max 0,6dB; Mean 0,35dB	Max 0,6dB; Mean 0,35dB
RETURN LOSS PER MPO	Min 60 dB	Min 60 dB	Min 60 dB	Min 60 dB
INSERTION LOSS LC/UPC	≤0,3 dB	≤0,3 dB	≤0,3 dB	≤0,3 dB
RETURN LOSS PER LC/UPC	Min 50 dB	Min 50 dB	Min 50 dB	Min 50 dB
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km	≤0,3 dB/Km
TEMPERATURE RANGE	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C

MULTIRISER
G657A2 OUTDOOR Ø7mm
CONNECTOR SIDE A SUPERTAP MPO
CONNECTOR SIDE B SCALED FAN OUT 70cm STEEL PIPE LC DUPLEX UNIBOOT

24 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M24S7D ___ X0Z5A1S7S-F1	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M24S7C ___ X0Z5A1S7S-F1	
	STEEL ARMORED	Dca-s1,d0,a1	M24S8D ___ X0Z5A1S7S-F1	
		Cca-s1a,d0,a1	M24S8C ___ X0Z5A1S7S-F1	
48 x G657A2	GLASS ARMORED	Dca-s1,d0,a1	M48S7D ___ X0Z5A1S7S-F1	TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 10mt UP TO 120mt WITH AN INTERVAL OF 5mt
		Cca-s1a,d0,a1	M48S7C ___ X0Z5A1S7S-F1	
	STEEL ARMORED	Dca-s1,d0,a1	M48S8D ___ X0Z5A1S7S-F1	
		Cca-s1a,d0,a1	M48S8C ___ X0Z5A1S7S-F1	



FTTA BOX



FTTA BOX

FIMOTEC fiber distribution box, can manage from 6 up to 24 fibers.

The preinstalled brackets ensure an easy installation at wall or on mast.

The lid of the box is hinged with lever latches that do not require screws, facilitating high-altitude installations.

FTTA BOX FEATURES

Color: Light Gray
RoHS Certified: Always Compliant
IP Rating: 67
Features: 10% Fiberglass Reinforced Plastic
Mounting Style: Mounting Brackets
Cover Style: Opaque, Hinged Cover
Latch Style: Stainless Steel
Gasket Type: RAKU-PUR® Foam Gasket
Indoor / Outdoor: Outdoor (UV Stabilized)
Flammability Rating: UL94-5VA
Door Flammability Rating: UL94-5VA
Type of Plastic: Gray Polycarbonate
Door Type of Plastic: Polycarbonate
UL Rating: UL508
Service Temperature Min: -40°C
Service Temperature Max: 95°C
Hinge Location: Long Side

CABLE GLANDS FEATURES

Material cable gland Polyamide
Material sealing gasket EPDM
Protection class IP69, IP68 (5 bar 30 min)
Temp. range min -40 °C
Temp. range max 100 °C
Glow wire test 750 °C
Thread type M
Type of cable anchorage A
Install. torques fitting 15 N m
Install. torques fitting/EADR 4 N m
Install. torques cap nut 4 N m
Impact category 4
Product Color RAL 9005



SPLITTED SEALING INSERT

Material Thermoplastic elastomer
Temp. range min -40 °C
Temp. range max 100 °C
Protection class IP66
Product Color RAL 9005

OPTICAL ADAPTER BRACKET

Pre-galvanized steel
Thickness 15/10
Cutout for Optical adapter (q.ty and kind on request)
SC simplex (single mode / multi mode)
SC duplex (single mode / multi mode)
LC duplex (single mode / multi mode)
ST (single mode / multi mode)

BOX BRACKET

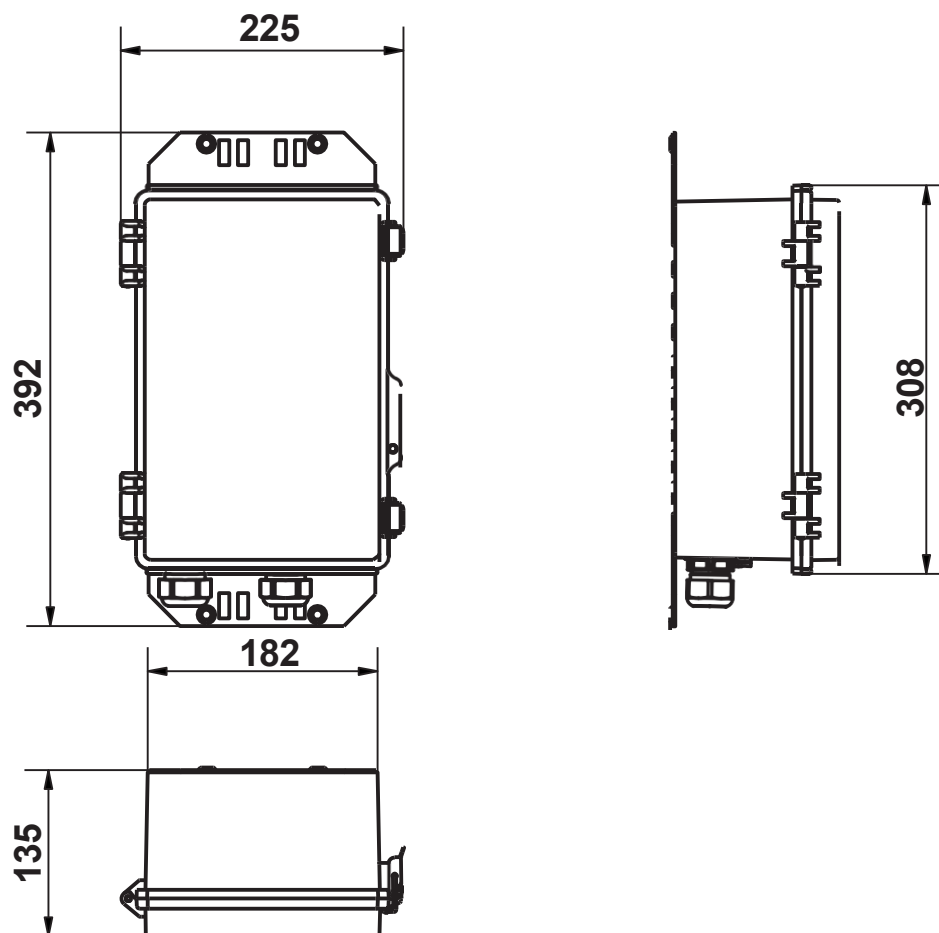
Steel S235JR thickness 20/10
Electrolytic galvanizing
Holes for wall mounting
Cutout for pole mounting cable tie

FTTA BOX

Fiber box FTTA-XXDLC

Fiber box FTTA-MXXDLC

Designed to be easily installed on a pole or wall, the fiber distribution box is available in four versions 6; 12; 18 and 24 connections. The standard version includes single mode duplex LC adapters, but different adapters are available on request.



FEATURES

- Body Made of Gray Polycarbonate (PC) resin 10% glass fiber filled
- Cover Made of Gray Polycarbonate (PC)
- High impact resistance
- IP-67 rating to keep out dust and water in extrem conditions including submersion
- RoHs compliant
- UL industrial controls & CE Low Voltage directive 2006/95EC listed
- Non-chlorinated & non-brominated flame retardant with UL-94 5VA
- Suitable for outdoor use respect to exposure to Ultraviolet Light
- 40°C to +95°C extended exposure condition
- Nonmetallic captive screws without the risk of stripping
- Good chemical resistance
- Continuous gasket

FTTA-6DLC

FTTA-6DLC internal parts

n°6 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

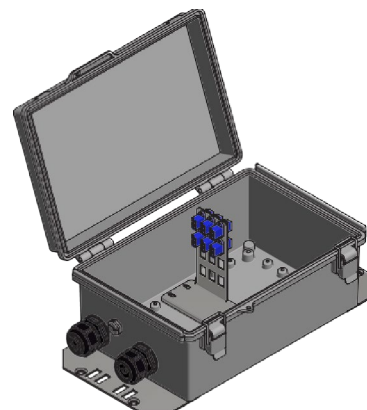
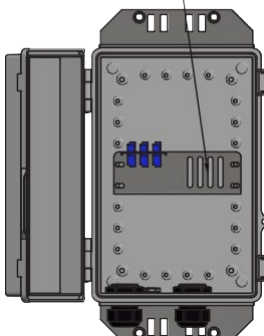
n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-6DLC Cable entry

Cable inlet :
1 cable gland M32 Hole Ø32mm +gasket
thermoplastic elastomer clamping range Ø 4 to 7,3mm

Optical jumpers output :
1 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

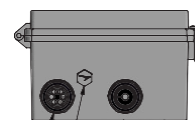
SLOT FOR CABLE TIE



RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

FTTA MULTIRISER CABLE ENTRY



FTTA-9DLC

FTTA-9DLC internal parts

n°9 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

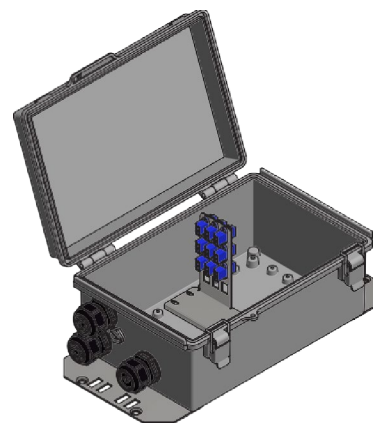
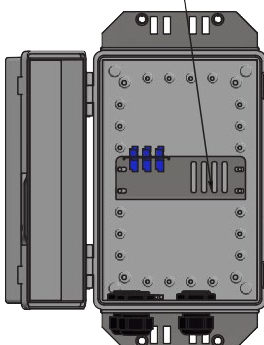
FTTA-6DLC Cable entry

Cable inlet :
1 cable gland M32 Hole Ø 32mm +gasket
thermoplastic elastomer clamping range Ø4 to 7,3mm

Optical jumpers output :
1 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

1 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 3 duplex fibers Ø 4 to 6mm

SLOT FOR CABLE TIE

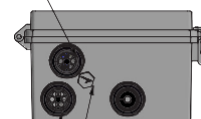


3 X RRU OPTICAL JUMPER OUTPUT

6 X RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

FTTA MULTIRISER CABLE ENTRY



FTTA-12DLC

FTTA-12DLC internal parts

n°12 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

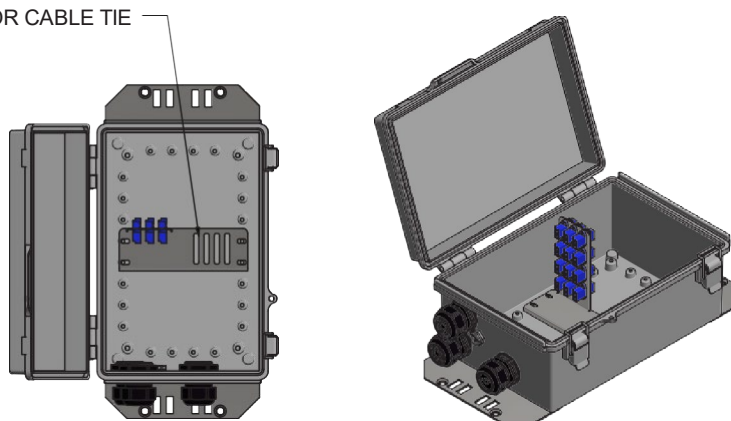
n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-12DLC Cable entry

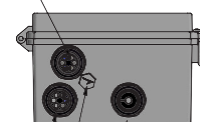
Cable inlet :
1 cable gland M32 Hole Ø32mm +gasket
thermoplastic elastomer clamping range Ø 4 to 7,3mm

Optical jumpers output :
2 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

SLOT FOR CABLE TIE



RRU OPTICAL JUMPER OUTPUT



RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

FTTA MULTIRISER CABLE ENTRY

FTTA-18DLC

FTTA-18DLC internal parts

n°18 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

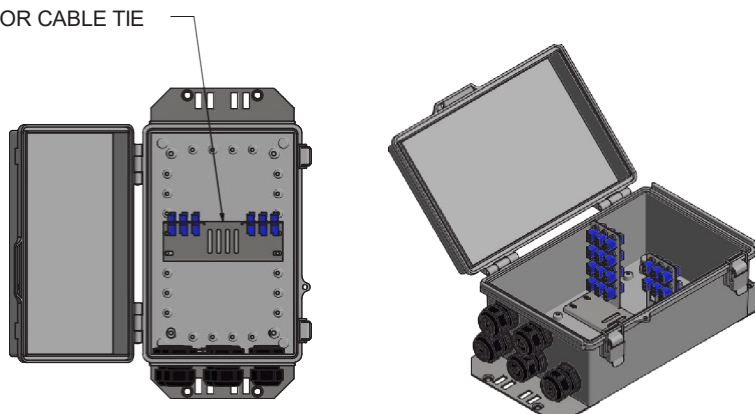
n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-18DLC Cable entry

Cable inlet :
2 cable gland M32 Hole Ø 32mm +gasket
thermoplastic elastomer clamping range Ø4 to 7,3mm

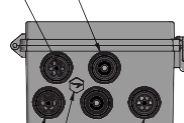
Optical jumpers output :
3 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

SLOT FOR CABLE TIE



FTTA MULTIRISER CABLE ENTRY

RRU OPTICAL JUMPER OUTPUT



RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

FTTA MULTIRISER CABLE ENTRY

RRU OPTICAL JUMPER OUTPUT

FTTA-24DLC

FTTA-24DLC internal parts

n°24 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

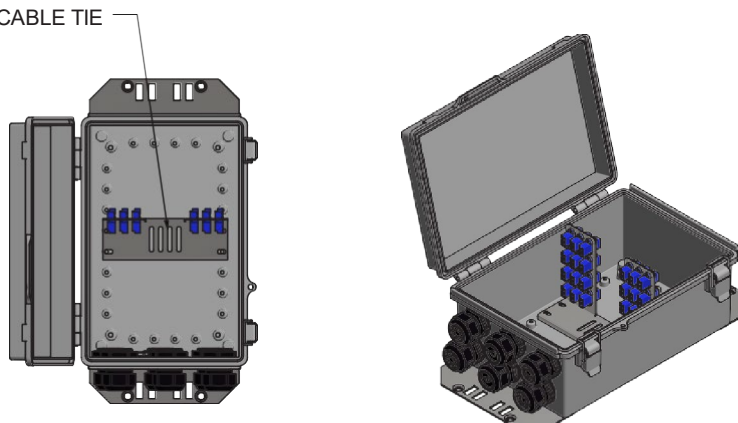
n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-24DLC Cable entry

Cable inlet :
2 cable gland M32 Hole Ø32mm +gasket
thermoplastic elastomer clamping range Ø 4 to 7,3mm

Optical jumpers output :
4 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

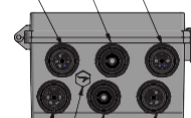
SLOT FOR CABLE TIE



RRU OPTICAL JUMPER OUTPUT

FTTA MULTIRISER CABLE ENTRY

RRU OPTICAL JUMPER OUTPUT



RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

FTTA MULTIRISER CABLE ENTRY

RRU OPTICAL JUMPER OUTPUT

FTTA-M12DLC

FTTA-M12DLC internal parts

n°12 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

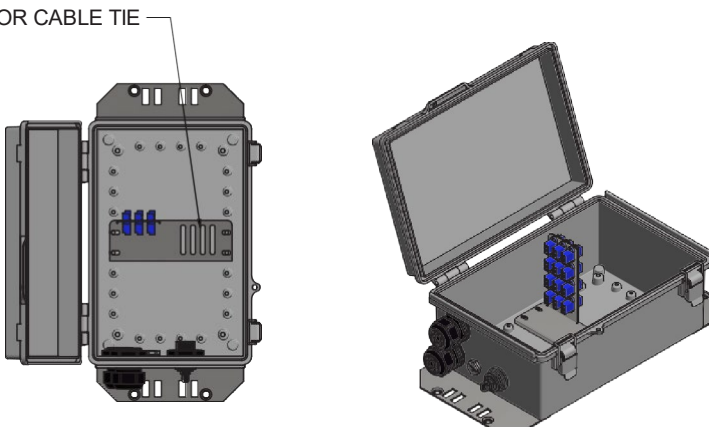
n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-M12DLC Cable entry

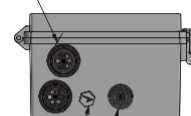
Cable inlet :
1 MPO 24 FO Supertap adapter

Optical jumpers output :
2 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

SLOT FOR CABLE TIE



RRU OPTICAL JUMPER OUTPUT



RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

MPO 24FO MULTIRISER

FTTA-M2X12DLC

FTTA-M2X12DLC internal parts

n°24 LC duplex adapters, Plastic Single Mode Blue

n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

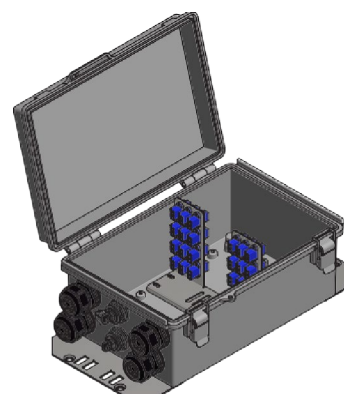
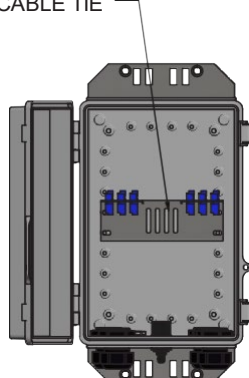
n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-M2X12DLC Cable entry

Cable inlet :
2 MPO 24 FO Supertap adapter

Optical jumpers output :
4 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

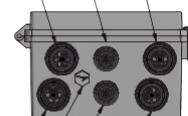
SLOT FOR CABLE TIE



RRU OPTICAL JUMPER OUTPUT

FTTA MULTIRISER CABLE ENTRY

RRU OPTICAL JUMPER OUTPUT



RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

FTTA MULTIRISER CABLE ENTRY

RRU OPTICAL JUMPER OUTPUT

FTTA-M24DLC

SLOT FOR CABLE TIE

FTTA-M24DLC internal parts

n°24 LC duplex adapters, Plastic Single Mode Blue

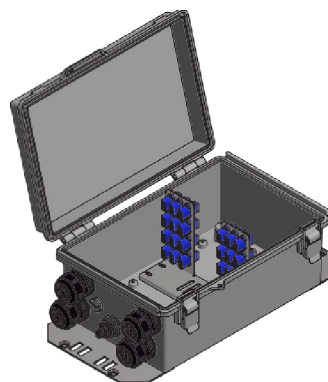
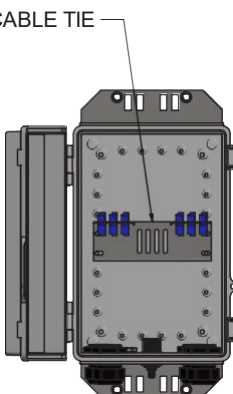
n°1 adapters plate for LC duplex adapters
Steel Zinc plated 15/10

n°2 WALL/MAST mounting brackets
Steel Zinc plated 20/10

FTTA-M24DLC Cable entry

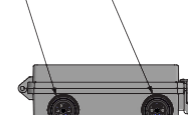
Cable inlet :
1 MPO 48 FO Supertap adapter

Optical jumpers output :
4 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm



RRU OPTICAL JUMPER OUTPUT

RRU OPTICAL JUMPER OUTPUT



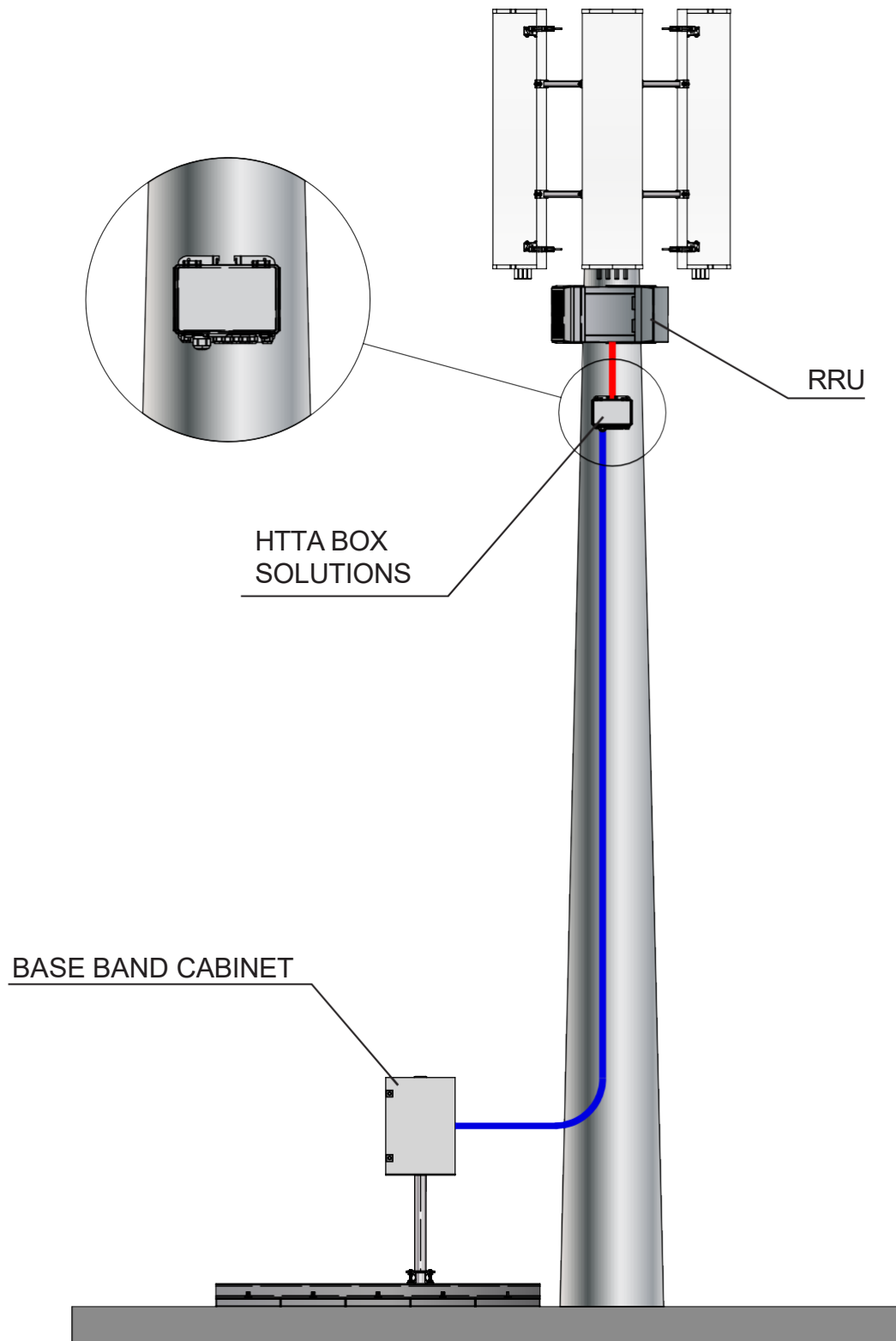
RRU OPTICAL JUMPER OUTPUT

VENTING VALVE

MPO 48FO MULTIRISER

RRU OPTICAL JUMPER OUTPUT

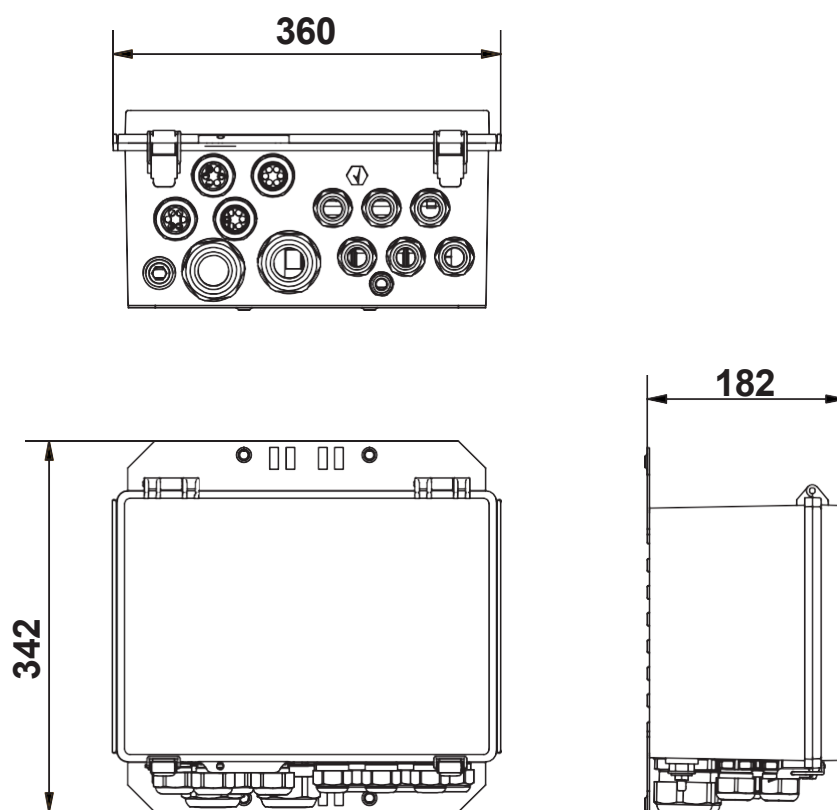
HTTA BOX



HTTA BOX

Box HTTA-6RRUxxDLC

Designed to be easily installed on a pole or wall, the hybrid distribution box can manage 12 or 24 optical connections (LC Duplex) and 6 DC Power distributions with 18 terminal blocks (18x35 mm²).
The Multiriser optical cable can be easily connected by an MPO Supertap (24 or 48 fo).
The standard version includes single mode duplex LC adapters, but different adapters are available on request.



FEATURES

- Body Made of Gray Polycarbonate (PC) resin 10% glass fiber filled
- Cover Made of Gray Polycarbonate (PC) High impact resistance
- IP-67 rating to keep out dust and water in extrem conditions including submersion
- RoHs compliant
- UL industrial controls & CE Low Voltage directive 2006/95EC listed
- Non-chlorinated & non-brominated flame retardant with UL-94 5VA
- Suitable for outdoor use respect to exposure to Ultraviolet Light
- 40°C to +95°C extended exposure condition
- Nonmetallic captive screws without the risk of stripping
- Good chemical resistance
- Continuous gasket

HTTA-6RRU12DLC

HTTA-6RRU12DLC internal parts

n°12 LC duplex adapters, Plastic Single Mode Blue
n°1 adapters plate for LC duplex adapters, Steel Zinc plated 15/10
n°2 DIN guide each equipped with:
n°3 Ground terminal block green/yellow 35 mm²
n°3 Negative pole terminal block blue 35 mm²
n°3 Positive pole terminal block grey 35 mm²
n°2 WALL/MAST mounting brackets, Steel Zinc plated 20/10

HTTA-6RRU12DLC Cable entry

Cable inlet:

1 MPO 24 FO Supertap adapter
2 Power cable gland M40, cable range Ø12-32mm

Optical jumpers output:

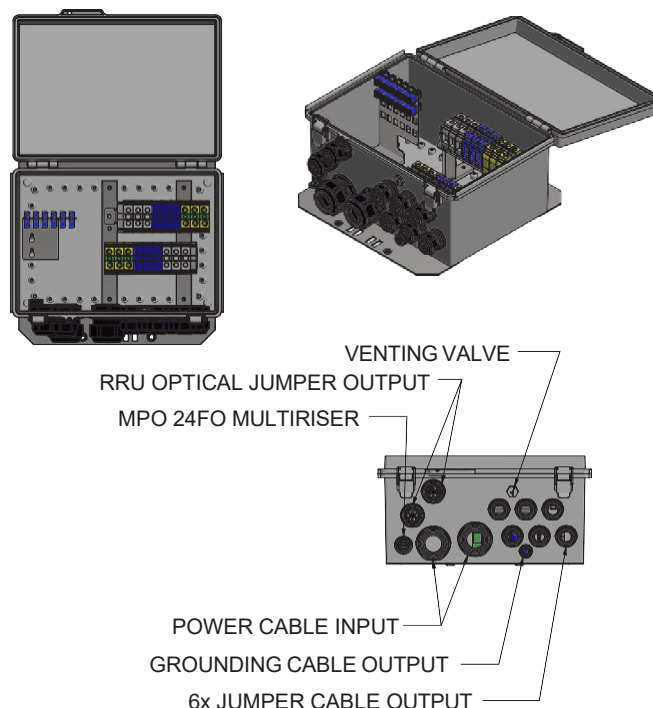
2 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

Power jumper output:

6 cable gland M25, cable range Ø9-16mm

Grounding cable output:

1 cable gland M16, cable range Ø4,5-10mm



HTTA-6RRU24DLC

HTTA-6RRU12DLC internal parts

n°24 LC duplex adapters, Plastic Single Mode Blue
n°1 adapters plate for LC duplex adapters, Steel Zinc plated 15/10
n°2 DIN guide each equipped with:
n°3 Ground terminal block green/yellow 35 mm²
n°3 Negative pole terminal block blue 35 mm²
n°3 Positive pole terminal block grey 35 mm²
n°2 WALL/MAST mounting brackets, Steel Zinc plated 20/10

HTTA-6RRU12DLC Cable entry

Cable inlet:

1 MPO 48 FO Supertap adapter
2 Power cable gland M40, cable range Ø12-32mm

Optical jumpers output:

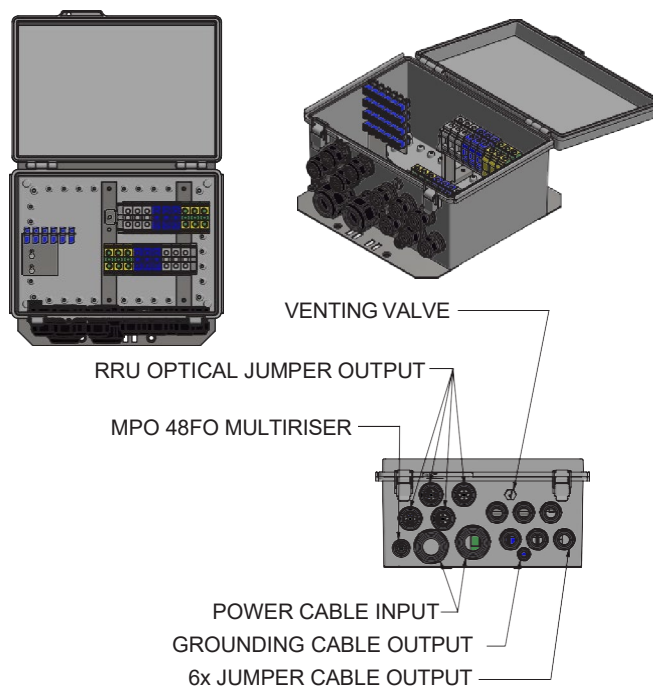
4 cable gland M32 Hole Ø32mm +multi-holes gasket
thermoplastic elastomer for 6 duplex fibers Ø 4 to 6mm

Power jumper output:

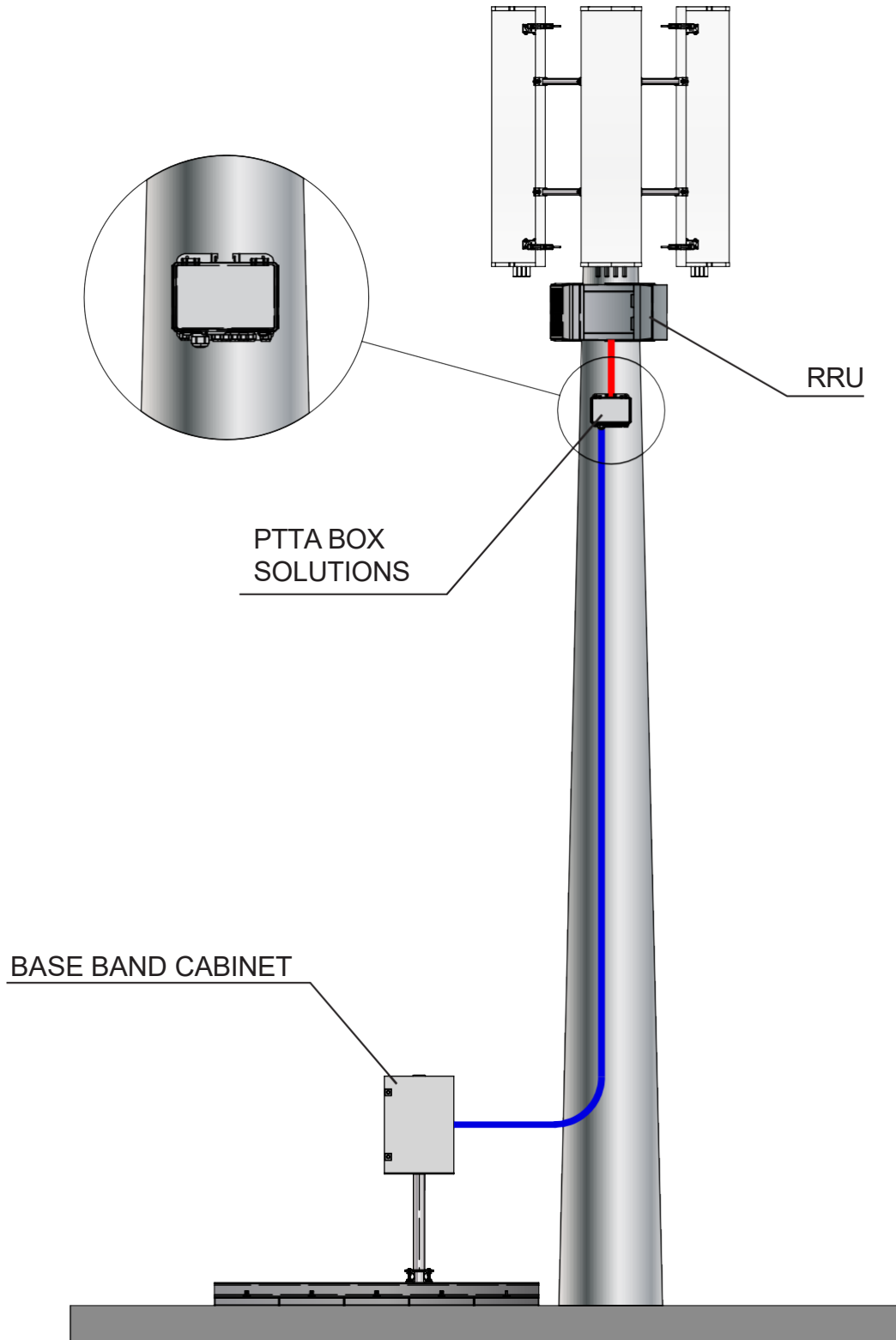
6 cable gland M25, cable range Ø9-16mm

Grounding cable output:

1 cable gland M16, cable range Ø4,5-10mm



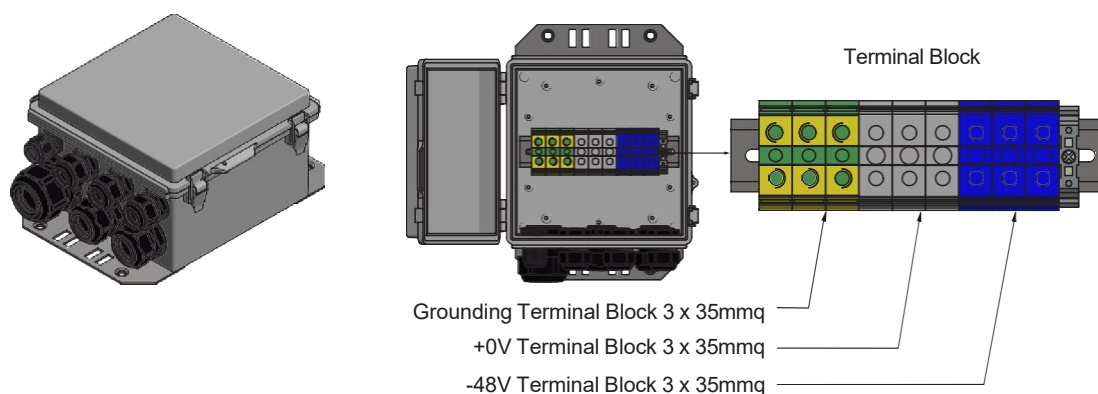
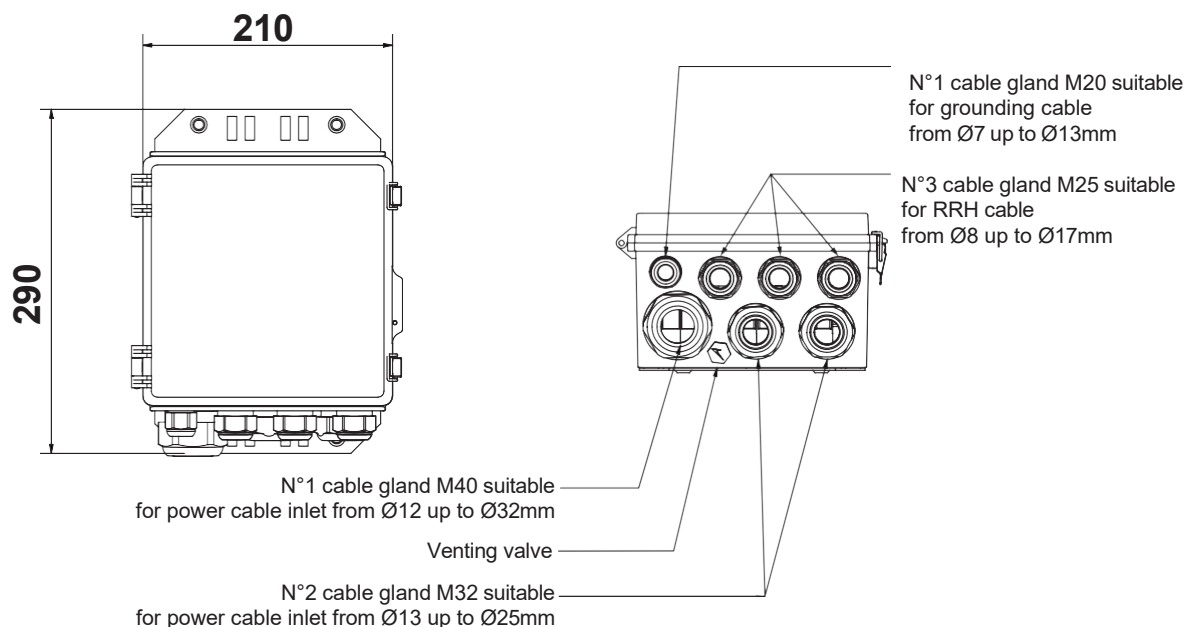
PTTA BOX



PTTA BOX

Box PTTA-HS-A-001-B

Designed to be easily installed on a pole or wall, the hybrid distribution box can manage 12 or 24 optical connections (LC Duplex) and 6 DC Power distributions with 18 terminal blocks (18x35 mm²).
The Multiriser optical cable can be easily connected by an MPO Supertap (24 or 48 fo).
The standard version includes single mode duplex LC adapters, but different adapters are available on request.



FEATURES

Ruggedised outdoor power distribution box
Supports up to 3 remote radio heads
For installations with up to 3 power supply cables
Large power cable diameter range up to 32 mm
Screw terminals for wires with up to 35mm²
Suitable for mounting on poles, walls
Easy to mount and install with integrated screws and pre-mounted brackets
Protective vent to equalise pressure and prevent condensation
Body Made of Gray Polycarbonate (PC) resin 10% glass fiber filled
Cover Made of Gray Polycarbonate (PC)

IP-67 rating to keep out dust and water in extrem conditions including submersion
RoHs compliant
UL industrial controls & CE Low Voltage directive 2006/95EC listed
Non-chlorinated & non-brominated flame retardant with UL-94 5VA
Suitable for outdoor use respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL746C
-40°C to +95°C extended exposure condition
Non-metallic captive screws without the risk of stripping
Good chemical resistance
Continuous gasket

FTTA JUMPER OPTICAL CABLE

FIMO Jumpers are offered with a wide range of combinations that meet industry standards and waterproof connection systems used by different technology suppliers.

Features

OPTICAL CABLE FEATURES SINGLE MODE G657A2

JACKET	LSZH
COLOR	BLACK
CABLE DIAMETER Ø mm	4,8
UV RESISTANT	YES
RoHS COMPLIANT	YES
INSERTION LOSS PER TERMINATOR	≤0,3 dB
Min. BENDRADIUS (STATIC)	30mm
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km
TEMPERATURE RANGE	-40°C / +80°C

OPTICAL CABLE FEATURES MULTI MODE 50/125

JACKET	LSZH
COLOR	BLACK
CABLE DIAMETER Ø mm	4,8
UV RESISTANT	YES
RoHS COMPLIANT	YES
INSERTION LOSS PER TERMINATOR	≤0,3 dB
Min. BENDRADIUS (STATIC)	48mm
FIBER ATTENUATION (max) 850nm	≤1,0 dB/Km
TEMPERATURE RANGE	-40°C / +80°C

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z-C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z-C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z-C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z-C4X0Z-C4

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX MULTIMODE; CONNECTOR SIDE "B" LC DUPLEX MULTIMODE LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z-C6X0Z-C6
	Cca-s1a,d0,a1	B2M1C _ X0Z-C6X0Z-C6
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z-C6X0Z-C6
	Cca-s1a,d0,a1	B2M3C _ X0Z-C6X0Z-C6

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

E III

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; FULLAXS; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z2C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z2C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z2C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z2C4X0Z-C4

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

NOKIA

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; NSN; CONNECTOR SIDE "B" LC DUPLEX UPC; LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z3C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z3C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z3C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z3C4X0Z-C4

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

FTTA JUMPER OPTICAL CABLE

OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX MULTIMODE NSN; CONNECTOR SIDE "B" LC DUPLEX MULTIMODE LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z3C6X0Z-C6
	Cca-s1a,d0,a1	B2M1C _ X0Z3C6X0Z-C6
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z3C6X0Z-C6
	Cca-s1a,d0,a1	B2M3C _ X0Z3C6X0Z-C6

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

HUAWEI

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC HUAWEI; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2S1C _ X0Z4C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2S3C _ X0Z4C4X0Z-C4

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC HUAWEI; CONNECTOR SIDE "B" LC DUPLEX UPC LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2M1C _ X0Z4C4X0Z-C4
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z4C4X0Z-C4
	Cca-s1a,d0,a1	B2M3C _ X0Z4C4X0Z-C4

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

OPTICAL JUMPER 2XG657A2 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC FULLAXS; CONNECTOR SIDE "B" LC DUPLEX UPC ODVA; LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2S1D _ X0Z2C4X0Z1C4
	Cca-s1a,d0,a1	B2S1C _ X0Z2C4X0Z1C4
STEEL ARMORED	Dca-s1,d0,a1	B2S3D _ X0Z2C4X0Z1C4
	Cca-s1a,d0,a1	B2S3C _ X0Z2C4X0Z1C4

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

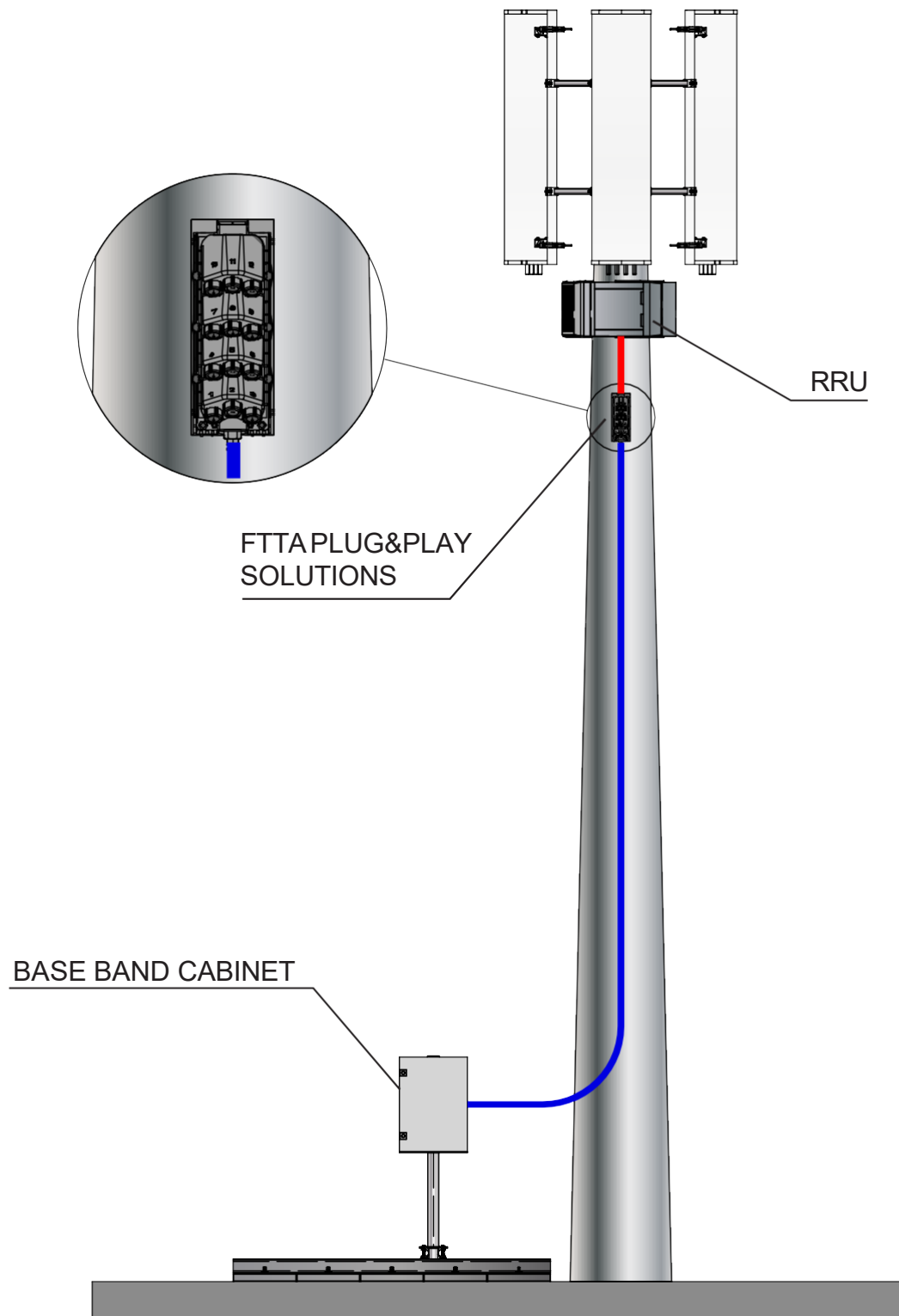
OPTICAL JUMPER MULTIMODE 50/125 OUTDOOR; CONNECTOR SIDE "A" LC DUPLEX MULTIMODE; FULLAXS; CONNECTOR SIDE "B" LC DUPLEX MULTIMODE ODVA LENGHT FROM 1 UP TO 10mt



GLASS ARMORED	Dca-s1,d0,a1	B2M1D _ X0Z2C6X0Z1C6
	Cca-s1a,d0,a1	B2M1C _ X0Z2C6X0Z1C6
STEEL ARMORED	Dca-s1,d0,a1	B2M3D _ X0Z2C6X0Z1C6
	Cca-s1a,d0,a1	B2M3C _ X0Z2C6X0Z1C6

TO COMPLETE THE PART NUMBER CHANGE THE UNDERSCORE WITH THE LENGHT IN METER FROM 1mt UP TO 10mt

FTTA PLUG&PLAY



FTTA PLUG & PLAY

The FIMOTEC plug and play Solution allows a quick and easy installation at lower cost than a discrete cable installation. Installer can disconnect the optical cable from the multiriser head to facilitate box installation and cable routing.



PLUG & PLAY FEATURES

Color: Black
Type of Plastic: Polycarbonate
Dimensions(LxWxH) 365x137x90mm
IP Rating: 67
Mounting Style: Mounting Brackets
Indoor / Outdoor: Outdoor (UV Stabilized)
Flammability Rating: UL94-5VA
Service Temperature Min: -40°C
Service Temperature Max: +85°C

BOX FIXING BRACKET

Stainless Steel thickness 20/10
Cutout for pole mounting cable tie
(not included)

MPO SUPERTAP CONNECTOR

Standards: GR-3120; GR-3152; IEC 61753-1;
IEC61754-4
Insertion Loss: Max. 0,6dB
Return Loss: Max. 60dB
Temp. range min -40 °C
Temp. range max +85 °C
Protection class IP68

ODVA-LCD OUTPUT CONNECTOR

Material: PA66 Black, UV resistance
Operating temperature range -40°C~+85°C
Rating: 68
Optical connector: LC duplex (single mode / multi mode)

MULTIRISER CABLE

Cable is 24F, SM G657A2, Ø 5,5 ±0,3mm
LSZH jacket round cable, black color
Rodent protection glass armored
CPR EUROCLASS, Dca s1,d0,a1
IL ≤0,3dB per terminator
Cable: minimal bending radius: 165mm
(30*CABLE OD)
Fiber attenuation Max: 1310nm ≤ 0,4dB/KM
-40°C to +80°C operating temperature
Basic cable Nom. weight 52Kg/Km
Tensile Strenght- Short Term 1000N MAX.
Tensile Strenght- Long Term 600N MAX.
Compression Resistance 3000N/100mm MIN.
UV-RESISTANCE of outer-jacket accordance
IEC60794-1-22F14, 4000h

FTTA PLUG & PLAY



PART NUMBER	DESCRIPTION
	BOX DIMENSION WITH BRACKET (LxPxH): 365x137x127mm
	FIBER TERMINATION: n°6 preinstalled ODVA-LC Duplex SM adapters
MPP06ODSM-xxx	CABLE ENTRY: n°1 MPO SUPERTAP 12 FO
	MULTIRISER CABLE: 24FO SM G657A2
	VENTING VALVE IS A DEVICE INSTALLED TO AVOID MOISTURE
	WIRING LABEL
	BOX DIMENSION WITH BRACKET (LxPxH): 365x137x127mm
	FIBER TERMINATION: n°8 preinstalled ODVA-LC Duplex SM adapters
MPP08ODSM-xxx	CABLE ENTRY: n°1 MPO SUPERTAP 24 FO
	MULTIRISER CABLE: 24FO SM G657A2
	VENTING VALVE IS A DEVICE INSTALLED TO AVOID MOISTURE
	WIRING LABEL

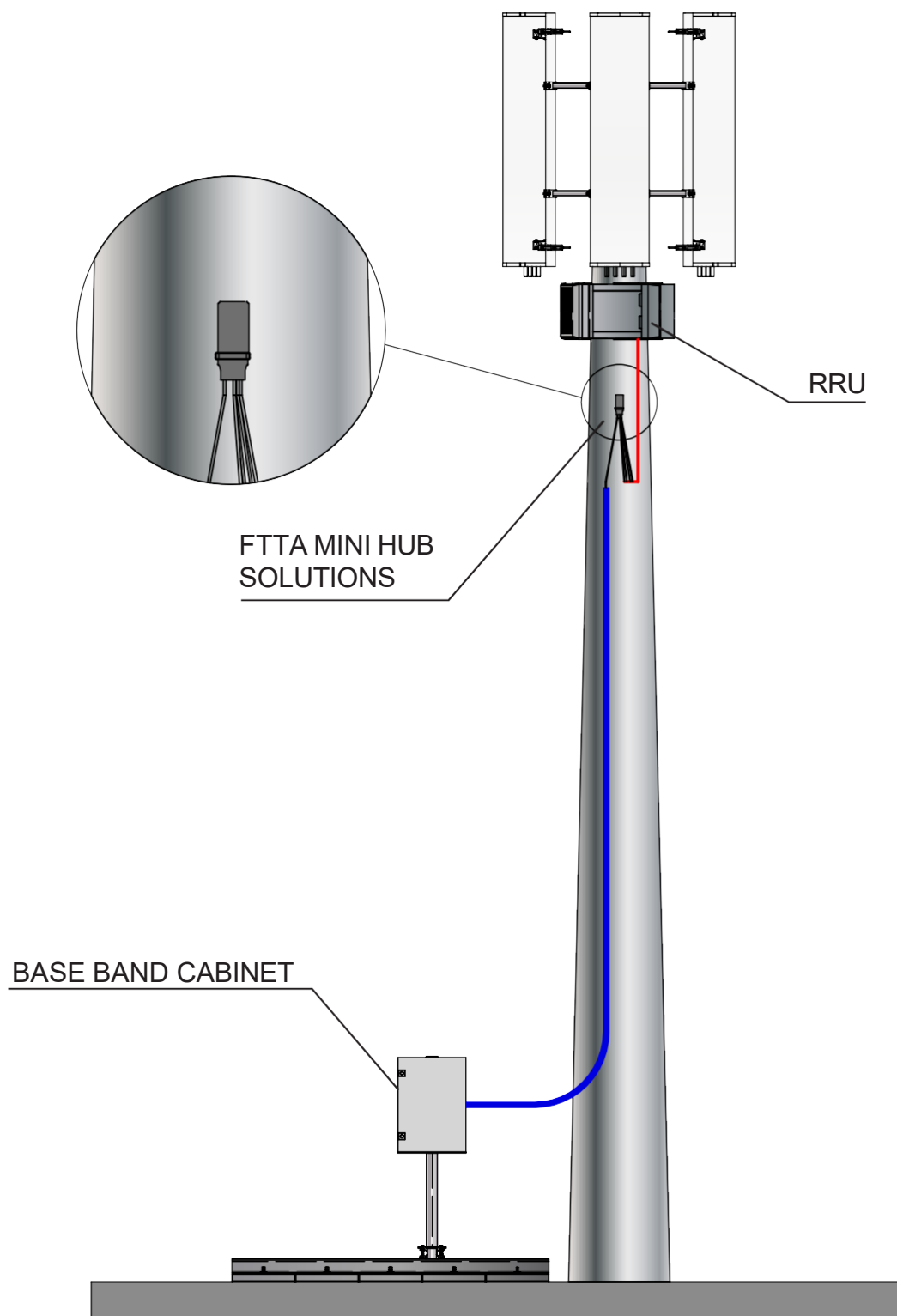
Custom MPP Multiriser Plug & Play

In addition to the standard FIMO configurations, the customer can customize the MPP box according to his requirements.

The customer can choose:

Fiber types connection (Single Mode OS2; G657A2; Multi Mode OM3; Multi Mode OM4; ecc..)

MINI HUB



FTTA MINI-HUB

FIMOTEC Mini-Hub Closure provide the most cost-effective method of deploying optical fiber in outside plant distribution networks at speeds significantly fast than traditional field installations.

The assemblies guarantee an easy, one-step connection system with the combined push-pull insertion and nut-style mechanical latch.

Mini-Hub Closure provides quick installation solutions and has good performance on mating with SuperTap connector.

Cable can be steel armored or glass armored.



MHB12AXSM-300

MINI-HUB Full-Axis lenght 30mt
n°1 MPO Super Tap
n°12 Full-Axis LC-Duplex



MHB12ODSM-005

MINI-HUB ODVA lenght 0,5mt
n°1 MPO Super Tap
n°12 ODVA LC-Duplex



MHB12ODSM-005 + MHB12ODBRK
example of pole installation

MINI-HUB ODVA lenght 0,5mt
n°1 MPO Super Tap
n°12 ODVA LC-Duplex
+
MINI-HUB BRACKET

PART NUMBER	DESCRIPTION	FEATURE
MHB06ODSM-xxx ⁽¹⁾	MINI HUB 12 OPTICAL FIBER G657A2 INPUT MPO SUPER TAP, OUTPUT 6 ODVA-LC DUPLEX	BOX DIMENSION WITH BRACKET (LxPxH): 154x57x30mm FIBER TERMINATION: n°6 ODVA-LC Duplex SM; IL max. 0,3 dB, RL min. 55 dB CABLE ENTRY: n°1 MPO SUPERTAP 12 FO IL max. 0,6 dB, RL min. 55 dB FIBER TYPE: ITU-T G657A2; Ø 4,8mm OPERATION TEMPERATURE: -40 to +70°C PROTECTION DEGREE IP: 68
MHB12ODSM-xxx ⁽¹⁾	MINI HUB 24 OPTICAL FIBER G657A2 INPUT MPO SUPER TAP, OUTPUT 12 ODVA-LC DUPLEX	BOX DIMENSION WITH BRACKET (LxPxH): 154x57x30mm FIBER TERMINATION: n°12 ODVA-LC Duplex SM; IL max. 0,3 dB, RL min. 55 dB CABLE ENTRY: n°1 MPO SUPERTAP 24 FO IL max. 0,6 dB, RL min. 55 dB FIBER TYPE: ITU-T G657A2; Ø 4,8mm OPERATION TEMPERATURE: -40 to +70°C PROTECTION DEGREE IP: 68
MHB06ODBRK	MINI HUB BRACKET WITH 1 SUPERTAP MPO INLINE AND 6 ODVA INLINE	DIMENSION (LxPxH): 200x180x75mm BRACKET MATERIAL: stainless steel 15/10 CABLE ENTRY: n°1 MPO SUPERTAP inline adapter FIBER TERMINATION: n°6 ODVA-LC Duplex inline adapters
MHB12ODBRK	MINI HUB BRACKET WITH 1 SUPERTAP MPO INLINE AND 12 ODVA INLINE	DIMENSION (LxPxH): 200x180x75mm BRACKET MATERIAL: stainless steel 15/10 CABLE ENTRY: n°1 MPO SUPERTAP inline adapter FIBER TERMINATION: n°12 ODVA-LC Duplex inline adapters
MHB06AXSM-xxx ⁽¹⁾	MINI HUB 12 OPTICAL FIBER G657A2 INPUT MPO SUPER TAP, OUTPUT 6 FullAxs-LC DUPLEX	BOX DIMENSION WITH BRACKET (LxPxH): 154x57x30mm FIBER TERMINATION: n°6 Full-Axs LC Duplex SM; IL max. 0,3 dB, RL min. 55 dB CABLE ENTRY: n°1 MPO SUPERTAP 12 FO IL max. 0,6 dB, RL min. 55 dB FIBER TYPE: ITU-T G657A2; Ø 4,8mm OPERATION TEMPERATURE: -40 to +70°C PROTECTION DEGREE IP: 68
MHB12AXSM-xxx ⁽¹⁾	MINI HUB 24 OPTICAL FIBER G657A2 INPUT MPO SUPER TAP, OUTPUT 12 FullAxs-LC DUPLEX	BOX DIMENSION WITH BRACKET (LxPxH): 154x57x30mm FIBER TERMINATION: n°12 Full-Axs LC Duplex SM; IL max. 0,3 dB, RL min. 55 dB CABLE ENTRY: n°1 MPO SUPERTAP 24 FO IL max. 0,6 dB, RL min. 55 dB FIBER TYPE: ITU-T G657A2; Ø 4,8mm OPERATION TEMPERATURE: -40 to +70°C PROTECTION DEGREE IP: 68
MHB06NSO3-xxx ⁽¹⁾	MINI HUB 12 OPTICAL FIBER OM3 50/125 INPUT MPO SUPER TAP, OUTPUT 6 NSN-LC DUPLEX	BOX DIMENSION WITH BRACKET (LxPxH): 154x57x30mm FIBER TERMINATION: n°6 NSN LC Duplex SM; IL max. 0,3 dB, RL min. 55 dB CABLE ENTRY: n°1 MPO SUPERTAP 12 FO IL max. 0,6 dB, RL min. 55 dB FIBER TYPE: OM3 50/125; Ø 4,8mm OPERATION TEMPERATURE: -40 to +70°C PROTECTION DEGREE IP: 67
MHB12NSO3-xxx ⁽¹⁾	MINI HUB 24 OPTICAL FIBER OM3 50/125 INPUT MPO SUPER TAP, OUTPUT 12 NSN-LC DUPLEX	BOX DIMENSION WITH BRACKET (LxPxH): 154x57x30mm FIBER TERMINATION: n°12 NSN LC Duplex SM; IL max. 0,3 dB, RL min. 55 dB CABLE ENTRY: n°1 MPO SUPERTAP 24 FO IL max. 0,6 dB, RL min. 55 dB FIBER TYPE: OM3 50/125; Ø 4,8mm OPERATION TEMPERATURE: -40 to +70°C PROTECTION DEGREE IP: 67

Note:

⁽¹⁾xxx = Fan out length expressed in decimeters

PATCHCORD

The indoor optical patchcord are suitable for connection between ODF and BBU

Features

INDOOR OPTICAL CABLE FEATURES SINGLE MODE G657A2

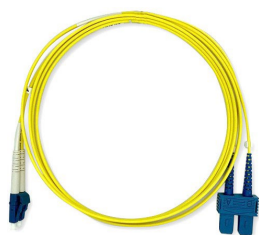
JACKET	LSZH
COLOR	YELLOW
CABLE DIAMETER Ø mm	2
UV RESISTANT	NO
RoHS COMPLIANT	YES
INSERTION LOSS PER TERMINATOR	≤0,3 dB
Min. BENDRADIUS (STATIC)	20mm
FIBER ATTENUATION (max) 1310nm	≤0,4 dB/Km
FIBER ATTENUATION (max) 1550nm	≤0,3 dB/Km
TEMPERATURE RANGE	-10°C / +60°C

PATCHCORD 2XG657A2 INDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; CONNECTOR SIDE "B" LC DUPLEX UPC



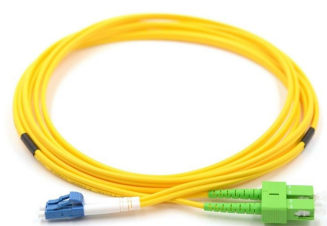
LENGHT (mt)	PART NUMBER	LENGHT (mt)	PART NUMBER
1	P2S2L1X0Z-C4X0Z-C4	8	P2S2L8X0Z-C4X0Z-C4
2	P2S2L2X0Z-C4X0Z-C4	9	P2S2L9X0Z-C4X0Z-C4
3	P2S2L3X0Z-C4X0Z-C4	10	P2S2L10X0Z-C4X0Z-C4
4	P2S2L4X0Z-C4X0Z-C4	15	P2S2L15X0Z-C4X0Z-C4
5	P2S2L5X0Z-C4X0Z-C4	20	P2S2L20X0Z-C4X0Z-C4
6	P2S2L6X0Z-C4X0Z-C4	25	P2S2L25X0Z-C4X0Z-C4
7	P2S2L7X0Z-C4X0Z-C4	30	P2S2L30X0Z-C4X0Z-C4

PATCHCORD 2XG657A2 INDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; CONNECTOR SIDE "B" SC DUPLEX UPC



LENGHT (mt)	PART NUMBER	LENGHT (mt)	PART NUMBER
1	P2S2L1X0Z-C4X0Z-B4	8	P2S2L8X0Z-C4X0Z-B4
2	P2S2L2X0Z-C4X0Z-B4	9	P2S2L9X0Z-C4X0Z-B4
3	P2S2L3X0Z-C4X0Z-B4	10	P2S2L10X0Z-C4X0Z-B4
4	P2S2L4X0Z-C4X0Z-B4	15	P2S2L15X0Z-C4X0Z-B4
5	P2S2L5X0Z-C4X0Z-B4	20	P2S2L20X0Z-C4X0Z-B4
6	P2S2L6X0Z-C4X0Z-B4	25	P2S2L25X0Z-C4X0Z-B4
7	P2S2L7X0Z-C4X0Z-B4	30	P2S2L30X0Z-C4X0Z-B4

PATCHCORD 2XG657A2 INDOOR; CONNECTOR SIDE "A" LC DUPLEX UPC; CONNECTOR SIDE "B" SC DUPLEX APC



LENGHT (mt)	PART NUMBER	LENGHT (mt)	PART NUMBER
1	P2S2L1X0Z-C4X0Z-B5	8	P2S2L1X0Z-C4X0Z-B5
2	P2S2L1X0Z-C4X0Z-B5	9	P2S2L1X0Z-C4X0Z-B5
3	P2S2L1X0Z-C4X0Z-B5	10	P2S2L10X0Z-C4X0Z-B5
4	P2S2L1X0Z-C4X0Z-B5	15	P2S2L15X0Z-C4X0Z-B5
5	P2S2L1X0Z-C4X0Z-B5	20	P2S2L20X0Z-C4X0Z-B5
6	P2S2L1X0Z-C4X0Z-B5	25	P2S2L25X0Z-C4X0Z-B5
7	P2S2L1X0Z-C4X0Z-B5	30	P2S2L30X0Z-C4X0Z-B5

PATCHCORD

How to dial the optical cable part number

CABLE TYPE				CABLE LENGTH			CONNECTOR SIDE A				CONNECTOR SIDE B					
M	12	S7	C	100			Y	3	X	2	C4	S	7	S	-	C4
CABLE LENGTH IN METER																
CONNECTOR A1 = MPO B1 = SC UPC B2 = SC APC B3 = SC MULTIMODE B4 = SC DUPLEX UPC B5 = SC DUPLEX APC B6 = SC DUPLEX MULTIMODE C1 = LC UPC C2 = LC APC C3 = LC MULTI MODE C4 = LC DUPLEX UPC C5 = LC DUPLEX APC C6 = LC DUPLEX MULTI MODE D1 = ST SINGLE MODE D2 = ST MULTI MODE E1 = E2000 UPC E2 = E2000 APC E3 = E2000 MULTI MODE F1 = LC UPC UNIBOOT F2 = LC APC UNIBOOT																
SEALING CONNECTOR - = NO SEALING 1 = ODVA 2 = FULL AXS 3 = NSN 4 = HUAWEI 5 = SUPERTAP																
FAN OUT PIPE PROTECTION SIDE A & B Z = NO FAN OUT S = STEEL PIPE X = PLASTIC PIPE																
FAN OUT LENGHT 0 = 0 cm 4 = 40 cm G = 75 cm P = 120 cm 1 = 10 cm 5 = 50 cm H = 85 cm Q = 130 cm A = 15 cm 6 = 60 cm I = 95 cm R = 140 cm 2 = 20 cm 7 = 70 cm M = 100 cm T = 150 cm B = 25 cm 3 = 30 cm C = 35 cm																
FAN OUT SIDE A & B X = NO FAN OUT Y = NO SCALED S = SCALED																
CPR CLASS C = Cca-s1a,d0,a1 D = Dca-s1,d0,a1 L = LSZH																
KIND OF FIBER S1=G657A2OUTDOORØ5,5GLASSARMORED M1=50/125OUTDOORGLASSARMORED S2 = G657A2 INDOOR GLASS ARMORED M2 = 50/125 INDOOR GLASS ARMORED S3=G657A2OUTDOORØ5,5STEELARMORED M3=50/125OUTDOORSTEELARMORED S4 = G657A2 INDOOR STEEL ARMORED M4 = 50/125 INDOOR STEEL ARMORED S5 = G657A2 INDOOR YELLOW M5 = 50/125 INDOOR VIOLET S6 = G652D INDOOR YELLOW S7=G657A2OUTDOORØ7GLASSARMORED S8=G657A2OUTDOORØ7STEELARMORED																
NUMBER OF FIBERS 1 = N° 1 OPTICAL FIBER 18 = N° 18 OPTICAL FIBERS 2 = N° 2 OPTICAL FIBERS 24 = N° 24 OPTICAL FIBERS 6 = N° 6 OPTICAL FIBERS 36 = N° 36 OPTICAL FIBERS 8 = N° 8 OPTICAL FIBERS 48 = N° 48 OPTICAL FIBERS 12 = N° 12 OPTICAL FIBERS																
PRODUCT LINE M = MULTIRISER P = PATCHCORD B = DISCRETE FO / OPTICAL JUMPER K = BREAKOUT																

Fiber To The Antenna

Optical Cables Sample



MULTIRISER 24FO G657A2 OUTDOOR GLASS ARMORED Dca-s1,d0,a1 LENGHT 30mt SUPERTAP
MPO / LC UPC DUPLEX UNIBOOT STEEL PIPE FAN OUT LENGHT 2mt

M24S1D00X6Z030P1S20⁽¹⁾



PATCHCORD 2FO G657A2 INDOOR GLASS ARMORED Dca-s1,d0,a1 LENGHT 2mt LC UPC DUPLEX / LC
UPC DUPLEX

P02S2D00X0S002S0X00⁽¹⁾



JUMPER 2FO G657A2 OUTDOOR GLASS ARMORED Dca-s1,d0,a1 LENGHT 5mt FullAxs
LC UPC DUPLEX / LC UPC DUPLEX FAN OUT LENGHT 0,1mt

B02S1D00X3S005S0X01⁽¹⁾



JUMPER 2FO G657A2 OUTDOOR GLASS ARMORED Dca-s1,d0,a1 LENGHT 5mt
ODVA LC UPC DUPLEX / FullAxs LC UPC DUPLEX

BB02S1D00X2S005S3X00⁽¹⁾



JUMPER 2FO G657A2 OUTDOOR GLASS ARMORED Dca-s1,d0,a1 LENGHT 15mt FAN OUT 0,2mt
LC UPC DUPLEX / LC UPC DUPLEX FAN OUT 0,2mt

B02S1D0202S015S0002⁽¹⁾



JUMPER 2FO G657A2 OUTDOOR GLASS ARMORED Dca-s1,d0,a1 LENGHT 15mt
NSN LC UPC DUPLEX / LC UPC DUPLEX FAN OUT 0,1mt

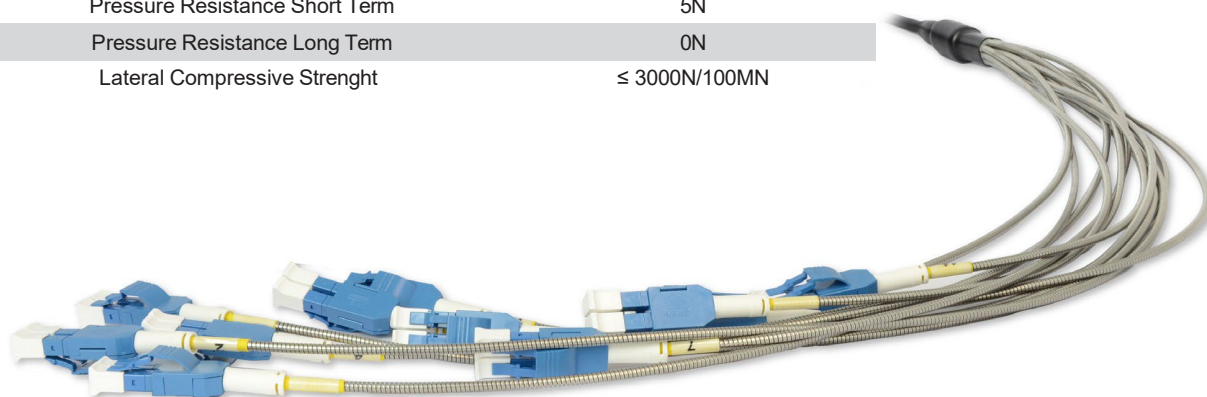
B02S1D00X4S015S0001⁽¹⁾

Fiber To The Antenna

Steel pipe

ARMoured PIPE

DESCRIPTION	SPECIFICATION
Dimension (mm)	2,5 ± 0,1
Thickness (mm)	0,4
Material	AISI 304
Weight kg/km	16
Color	Metal Color
Operating Temperature (°C)	-40°C / +400°C
Storage Temperature (°C)	-40°C / +400°C
Pressure Resistance Short Term	5N
Pressure Resistance Long Term	0N
Lateral Compressive Strenght	≤ 3000N/100MN



POWER CABLE

PoWer cable Dual Core halogen free, flame retardant. PWDC2Xxx.



1. Conductor: Stranded copper wires class 5 IEC 60228.
2. Insulation: Flame retardant polyolefin. Color identification: red and white, according to DIN EN 60445
3. Shield: AL/PET tape with annealed wires. Max resistance 5.09 Ω /km.
4. Sheath: Flame retardant, black polyolefin. Sunlight resistant. Example of marking: "PWDC 2x16 mm² Max 600 V 90C DRY sun res B2ca"

Application:

Halogen free, flame retardant and shielded cable for supply to radio and other telecom equipment.

Sunlight resistant per UL 1581 sec 1200, not for direct burial.

CPR class B2ca.

Indoor and outdoor use.

Robust design increased jacket.

PROPERTIES

Rated voltage	Max 600V	Fire classification	CPR Class B2ca s1, d2, a1
Minimum operating temperature	-20°C -40°C when fixed	Fulfills low voltage directive, CE	YES
Maximum operating temperature	+90°C	Fulfi ls RoHS	YES
Minimum bending radius	5x Outer diameter	Fulfills REACH	YES

TECHNICAL DATA

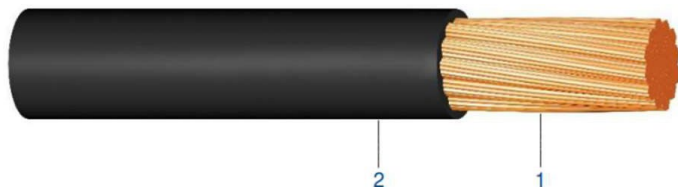
Part Number	N° of cores and cross section mm ²	Nom. Outer diameter mm +/-10%	Cable weight kg/km	Effective resistance of conductor Ω /km	Conductor colors (DIN EN 60445)
PWDC2X1.5	2x1.5 ¹⁻²	6.9	73	13.3	Red & White
PWDC2X2.5	2x2.5 ¹	7.9	97	7.98	Red & White
PWDC2X4	2x4 ¹	8.7	123	4.95	Red & White
PWDC2X6	2x6	9.8	170	3.30	Red & White
PWDC2X10	2x10	11.6	258	1.91	Red & White
PWDC2X16	2x16	13.8	385	1.21	Red & White
PWDC2X25	2x25	16.0	544	0.78	Red & White
PWDC2X35	2x35	20.1	832	0.55	Red & White

1 Shield resistance max as conductor resistance

2 CPR class Dea

POWER CABLE

PoWer cable One Core halogen free, flame retardant.



1. Conductor: Stranded, annealed copper wire class 5 IEC 60228. Tinned wire up to 6 mm², from 10 mm² bare copper.
2. Sheath: Flame retardant polyolefin.

Application:

Halogen free, flame retardant cable for internal cabinet wiring and grounding of equipment.
Sunlight resistant per UL 1581 sec 1200, not for direct burial. CPR and UL recognized.
Indoor and outdoor use.

PROPERTIES

Rated voltage	Max 600V	Fire classification	IEC 60332-3-24 (Cat C) UL 1685, Vertical Tray UL 1581 VW-1 CPR Class Dea
Minimum operating temperature	-20°C -40°C when fixed	Fulfils low voltage directive, CE	YES
Maximum operating temperature	+90°C	Fulfi ls RoHS	YES
Minimum bending radius	5x Outer diameter	Fulfils REACH	YES

TECHNICAL DATA

Part Number	N° of cores and cross section mm ²	Nom. Outer diameter mm +/-0.5	Cable weight kg/km	Effective resistance of conductor Ω/km	Conductor colors (DIN EN 60445)
PWC1X10UVB	1x10	5.6	98	1.91	Black
PWC1X16UVB	1x16	7.4	163	1.21	Black
PWC1X16UVY	1x16	7.4	163	1.21	Yellow/Green

POWER CABLE

16mm², GNYE, 1 lug with 2 M6 holes, angle 90



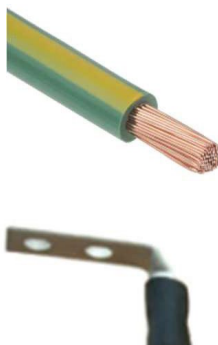
Description:

The Grounding Lug RA, Dual hole, Y/G, is a grounding kit for telecom cabinets and similar applications, such as RRU's, with a right-angle cable lug. Can be used both indoors and outdoors.

Technical specification

Power Cable

Conductor Cross section: 16 mm²
Number of Conductors: 1
Shielding : No
Rated Voltage: 750 V



Cable Lug

Angled cable lug with dual hole, Ø6 mm

Specifications

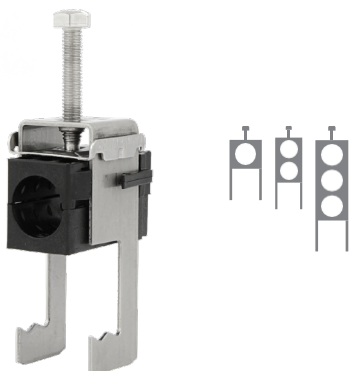
Spare parts availability Available
Product Environment Outdoor
Length 2000 mm
Weight 270 g

Order Code

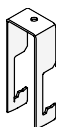
FRPM 119 2062/2 Grounding Cable preconnected with one cable lug 2 holes lenght 2mt
FRPM 119 2062/5 Grounding Cable preconnected with one cable lug 2 holes lenght 5mt
Note: Other lengths are available on request

CABLE CLAMPS

CABLE CLAMPS FOR DC CABLES



CODE	ARTICLE	ø D
61 1551 0006	sRF A4/ 1x6	5 - 6
61 1551 0007	sRF A4/ 1x7	6 - 7
61 1551 0008	sRF A4/ 1x8	7 - 8
61 1551 0009	sRF A4/ 1x9	8 - 9
61 1551 0091	sRF A4/ 1x9 M	9 - 10
61 1551 0010	sRF A4/ 1x10	10 - 11
61 1551 0011	sRF A4/ 1x11	10 - 11
61 1551 1012	sRF A4/ 1x12	11 - 12
61 1551 0013	sRF A4/ 1x13	12 - 13
61 1551 0014	sRF A4/ 1x1/2"S (14)	13 - 14
61 1551 0038	sRF A4/ 1x3/8" (16)	15 - 16
61 1551 0012	sRF A4/ 1x1/2" (17)	16 - 17
61 1551 0058	sRF A4/ 1x5/8" (23)	21 - 23
61 1551 0027	sRF A4/ 1x7/8" (27)	26 - 27
61 1551 0078	sRF A4/ 1x7/8" (28)	27 - 28
61 1551 1178	sRF A4/ 1x7/8"M (30)	29 - 30



TYPE A3/A4/A5
Angular 30x30
Angular 40x40
Angular 50x50



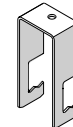
TYPE B
flat and round 3-12 mm



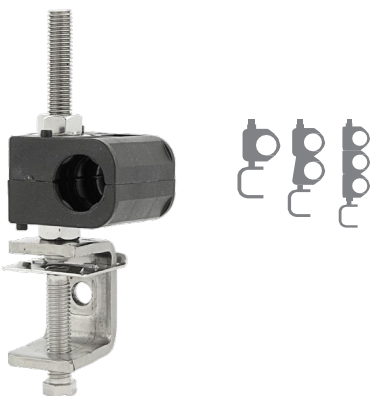
TYPE C
section 40x22 mm



TYPE C
section 40x22 mm
flat and round 3-12 mm



TYPE M
round Ø 8-25 mm
flat 3-25 mm



CODE	ARTICLE	ø D
61 1596 0095	UMS 1x9M	7,5- 9,5
61 1596 0112	UMS 1x12	11 - 12
61 1596 0014	UMS 1x1/2"S	13 - 14
61 1596 0012	UMS 1x1/2"	16 - 17
61 1596 0058	UMS 1x5/8"	21 - 23
61 1596 0078	UMS 1x7/8"	27 - 28
61 1596 0114	UMS 1x1.1/4"	39 - 40
61 1596 0158	UMS 1x1.5/8"	50 - 52



CODE	ARTICLE	ø D
61 1566 0208	UMC 2x8	6 - 8
61 1566 0209	UMC 2x9	8 - 9
61 1566 0211	UMC 2x11	10 - 11
61 1566 0213	UMC 2x13	12 - 13
61 1566 0214	UMC 2x1/2"S	13 - 14
61 1566 0212	UMC 2x1/2" (17)	16 - 17
61 1566 0258	UMC 2x5/8" (23)	21 - 23
61 1566 0278	UMC 2x7/8" (28)	27 - 28
61 1566 2114	UMC 2x1.1/4" (40)	39 - 40
61 1566 2158	UMC 2x1.5/8" (52)	50 - 52

For other dimensions and configuration, please contact our sales department at www.fimoworld.com

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