

## FTMSU-HF C-PRo

### Universal Distribution Cable



## GENERAL INFO

### APPLICATION

This distribution or mini-break-out cable can be used for many indoor and outdoor applications. Typical cable applications include: LAN and WAN backbones, central office interconnections, backbones in data centres, and many other. This cable is longitudinally water blocked. The cable is suited for installation in ducts and on trays. The cable features an UV stabilised, water and moisture resistant FireRes® LSOH sheathing, the cable is thus well suited for shorter outdoor runs. This cable features high flame retardance with Cca approval.

Sheath colour and cabled fibre datasheet:

- SM BB Black C17
- SM BBXS Yellow C24
- OM3 BB Aqua C31
- OM4 BB Violet C32
- OM5 BB Lime green C39
- SM BB + OMx Orange

Fibre colour coding FIN2012 (SM BB) or IEC 60304 (SM BBXS, MM OMx BB)

Reaction-to-fire, CPR classification

Cca-s1,d1,a1

## CERTIFICATIONS AND DESIGN STANDARDS



RoHS



IEC 60332-1-2  
IEC 60794-2-20  
EN 50173-1

IEC 60332-3-24  
IEC 61034-2

IEC 60754-1  
EN 13501-6, class Cca-s1,d1,a1

IEC 60754-2  
EN 50575:2014+A1:2016

## CABLE DESIGN

Range	From 4 to 24 fibres
With strain relief	Yes
Longitudinal water blocking cable	Yes
Radial water blocking cable	Yes
Outer sheath	Thermoplastic polymer
Type of tube	Tight
Cable metal free	Yes

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## APPLICATION PROPERTIES

Permitted cable outer temperature after assembling without vibration (min) [°C]	-40
Permitted cable outer temperature after assembling without vibration (max) [°C]	70
Crush (acc. IEC 60794-1-21, E3) [N/10cm]	2,000
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Permitted cable outer temperature during assembling/handling (max) [°C]	60
Minimum permissible bending radius during laying	20 x D under maximum tension, 10 x D without tension

## FIRE PROPERTIES

Reaction-to-fire, CPR classification	Cca-s1,d1,a1
Flame retardant	In accordance with EN 13501-6
Halogen free	acc. IEC/EN 60754-1/2
Low smoke (acc. IEC 61034-2)	Yes

## DELIVERY INFO

Product description (short)	Snro	DOP number	Diameter over cable [mm]	Max. tensile strength during installation [kN]	Weight [kg/km]	Standard delivery length
4xSM BB	0202441	1008741	6.2	0.44	42	2,000
8xSM BB	0202442		7	0.68	52	2,000
12xSM BB	0202443	1007645	7.8	0.9	67	2,000
24xSM BB	0241625	1008410	9.3	1.4	93	2,000
4xSM BB+4xOM3 BB	0202461	1007605	7	0.68	52	2,000
8xSM BB+8xOM3 BB	0202462	1007600	8.4	1.1	77	2,000
8xSM BBXS+8xOM3 BB	0202464	1007092	8.4	1.1	77	2,000
12xSM BB+12xOM3 BB	0202463	1007591	9.3	1.4	93	2,000
4xSM BBXS	0202444		6.2	0.44	42	2,000
8xSM BBXS	0202445		7	0.68	52	2,000
12xSM BBXS	0202446		7.8	0.9	67	2,000
24xSM BBXS	0241623		9.3	1.4	93	2,000
4xOM3 BB	0202447	1009070	6.2	0.44	42	2,000
8xOM3 BB	0202448	1007581	7	0.68	52	2,000
12xOM3 BB	0202449		7.8	0.9	67	2,000
24xOM3 BB	0241627	1007582	9.3	1.4	93	2,000
4xOM4 BB	0202450	1011377	6.2	0.44	42	2,000
8xOM4 BB	0202451	1011376	7	0.68	52	2,000
12xOM4 BB	0202452		7.8	0.9	67	2,000
24xOM4 BB	0241629		9.3	1.4	93	2,000
4xOM5 BB	0202453		6.2	0.44	42	2,000
8xOM5 BB	0202454		7	0.68	52	2,000
12xOM5 BB	0202455		7.8	0.9	67	2,000
24xOM5 BB	0241631		9.3	1.4	93	2,000

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