Duct - Microbundle cables

MICROBUNDLE RSM CABLE 12X6SM SP1829

Aginode Ref: 10525985

This ruggedized cable is used for Access, Distribution, City Network and FTTx applications.It is designed to be quickly installed by pulling, blowing and on aerial



STANDARDS

EN 187000
IEC 60794

Characteristics & Applications

- Ruggedized cable design
- Easy installation with mid span access possibility
- Easy micro bundle stripability
- Glass yarns and radial strength members reinforcement
- All dielectric design
- Waterproof structure

Construction

- Jelly filled microbundles containing coloured fibres
- Radial FRP strength members
- Glass yarns reinforcement
- Water swellable tape
- HDPE outer sheath

Fibre Colour Table following XPC 93850-3-25

	tube 1	tube 2	tube 3	tube 4	tube 5	tube 6	tube 7	tube 8	tube 9	tube 10	tube 11	tube 12
≤ 12 tubes	RD	BU	GN	YE	PU	WT	OR	GY	BN	BK	TQ	PK
	fibre 1	fibre 2	fibre 3	fibre 4	fibre 5	fibre 6	fibre 7	fibre 8	fibre 9	fibre 10	fibre 11	fibre 12
fibres	RD	BU	GN	YE	PU	WT	OR	GY	BN	BK	TQ	PK

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

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Characteristics

Construction characteristics	
Fiber optic type	SM (G657.A2)
Armour type	Glass yarns
Outer sheath	HDPE
Sheath colour	Black - UV
Metal free	Yes
Strength member	Embedded FRP
Construction type	Multibundle
Dimensional characteristics	
Number of tubes	12
Approximate weight	92 kg/km
Number of optical fibres	72
Nominal outer diameter (mm)	10.4 mm
Mechanical characteristics	
Maximum admissible traction load (Tm)	196 daN
Crush resistance (IEC 60794-1-E3)	250 N/cm
Usage characteristics	
Operating temperature, range	-30...70 °C
Storage temperature, range	-40...70 °C
Installation type	Outdoor - Duct
Ambient installation temperature, range	0...40 °C
Bending factor when laying	20 (xD)

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