

FYOMUK

Aerial FTTH-drop cable



APPLICATION	Self-supporting figure-8 shape aerial cable for Fibre-to-the-Home (FTTH) drop applications. Large temperature range. Crew friendly splicing. Especially for connecting one family house to optical access network. Central tube construction, Spiral Space® design, for max 12 fibres. Extra high crush strength.	
CONSTRUCTION	Optical fibre Secondary coating Wrapping Suspension wire Outer sheath	Coloured optical single-mode fibres (ITU-T G.652.D) Plastic core with a jelly-filled helical channel for the fibres. Spiral Space® design. Cable core is surrounded with water-blocking elements. Suspension wire is made of stranded galvanized steel wires, nominal diameter 7 x 1.0 mm. Cable sheath consists of UV resistant black polyethylene compound in figure-8 shape, nominal thickness 1.2 mm.
PROPERTIES	Temperature range Transport, storage, operation Installation Crush strength	-45 ... +70 °C -15 ... +60 °C 5000 N/100 mm

SSTL code	Type	Dimensions	Allowable long term tension	Bending radius during installation/installed	Mass	Drum/ standard delivery length
	FYOMUK	mm	N	mm	kg/km	km
0243002	4xSML	7.5 x 14.0	1600	250/150	105	K14/6
0240003	6xSML	7.5 x 14.0	1600	250/150	105	K14/6
0243004	2x4xSML	7.5 x 14.0	1600	250/150	105	K14/6
0243005	2x6xSML	7.5 x 14.0	1600	250/150	105	K14/6

INSTALLATION DATA (at 0 °C)

Additional load kg/m	Span 30 m		Span 40 m		Span 50 m	
	Sag m	Load N	Sag m	Load N	Sag m	Load N
0	0.2	500	0.4	500	0.6	500
0.8	0.6	1600	1.0	1900	1.3	2100
2.5	1.0	3100	1.4	3700	1.9	4200

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