

FYOHBMUK

Aerial cable



APPLICATION	Self-supporting figure-8 shape aerial cable. Large temperature range. Also for arctic climate with heavy ice or wind loads up to span lengths 90 m. Crew friendly splicing. Extra high crush strength.	
CONSTRUCTION	Optical fibre Secondary coating Wrapping Moisture barrier Suspension wire Outer sheath	Coloured optical single-mode fibre (ITU-T G.652.D) Plastic core with a jelly-filled helical channel for the fibres. Spiral Space® design. Cable core is wrapped longitudinally with swelling tape Aluminium tape coated with a copolymer of polyethylene on both sides is applied longitudinally with an overlap. Minimum overlap is 3.0 mm. Suspension wire is made of stranded galvanized steel wires, nominal diameter 7 x 1.6 mm or 7 x 2.1 mm. Cable sheath consists of UV resistant black polyethylene compound in figure-8 shape, nominal sheath thickness 1.6 mm.
PROPERTIES	Temperature range Transport, storage, operation installation Crush strength Maximum ice load Maximum span length	-45 ... +70 °C -15 ... +60 °C 5000 N/100 mm 3.0 kg/m 7x1.6 suspension wire 60 m 7x2.1 suspension wire 90 m

SSTL code	Type	Draka code	Dimensions	Allowable long term tension	Bending radius during installation/ installed	Mass	Drum/ standard delivery length
	FYOHBMUK		mm	N	mm	kg/km	km
Suspension wire 7x1.6 mm							
0242502	6xSML	1005395	11 x 22	7000	300/150	240	K20/6
0242506	2x6xSML	1005397	11 x 22	7000	300/150	240	K20/6
0242510	4x6xSML	1005399	12 x 23	7000	300/180	260	K22/6
0242516	2x4x6xSML	1005402	13 x 24	7000	300/200	280	K18/3
0242522	4x4x6xSML	1005405	13 x 24	7000	300/200	290	K18/3
Suspension wire 7x2.1 mm							
0242528	6xSML	1005107	11 x 23	12000	300/150	340	K21/6
0242532	2x6xSML	1005409	11 x 23	12000	300/150	340	K21/6
0242536	4x6xSML	1005411	12 x 24	12000	300/180	360	K16/3
0242542	2x4x6xSML	1005414	13 x 25	12000	300/200	380	K18/3
0242548	4x4x6xSML	1005417	13 x 25	12000	300/200	380	K18/3