



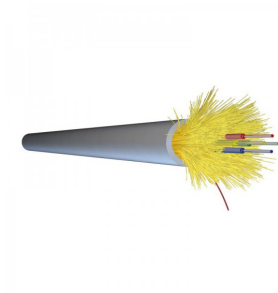
STIC Dca

Soft Tube Indoor Cable Dca

Group: STIC-Dca

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This special indoor cable with bend-insensitive fibre G.657.A2, protected by easy strippable soft tube, meets all requirements for modern building cabling: a small diameter, low weight, high tensile force and excellent bend and crush performance. Its easy, fast strippable sheath consist of special flame retardant LSZH-material, making the cable extremely robust, but flexible, with its 90° bend radius capability. Consequently, the STIC is perfectly suitable to be installed on the wall by using e.g. staples or glue. Due to its (semi-)dry construction, this cable is highly safe and can be used in any human habitation. The dry soft tube makes also easier its installation into the vertical riser shafts of MDU's.



Product characteristics

Cable type	STC
Fibre type	Single mode 9/125
Optical fibre standard	ITU-T G.657.A2
Optical element	Soft tube
Cable metal free	Yes
Strain relief	Yes
Material outer sheath	LSZH
Colour outer sheath	White

Application

Standardization	EN IEC 60794-2
Test procedures	EN IEC 60794-1-2
Application	Inside
Suitable for indoor installation	Simulated according IEC 60794-1-21 E27
90 degree bends (R = 1 mm) possible	Yes



Optical specification

Max. attenuation @ 1310 nm	0.4 dB/km
Max. attenuation @ 1550 nm	0.3 dB/km
Max. attenuation @ 1625 nm	0.4 dB/km

Environmental specification

Longitudinal watertight construction	Super Absorbing Polymer
Installation temperature	-10/50 °C
Transportation and storage temperature	-25/60 °C
Operational temperature range Ta1 - Tb1	-10/50 °C
Operational temperature range Ta2 - Tb2	-25/60 °C

Other specification

Halogen free	IEC 60754-1&2 / EN 50257-2-1 / EN 50267-2-2 / EN50267-2-3
Vertical flame propagation (for single cable)	IEC 60332-1-2 / EN 50265-2-1

Products

Article number	Description	Outer diameter approx.	Weight (kg)	Min. bending radius after installation	Min. bending radius during installation	Tensile load short term (tm)	Tensile load long term (tl)
79896	1x SM G.657.A2	2.9 mm	0.007	20 mm	36 mm	300 N	100 N
79897	2x SM G.657.A2 (2x1)	4.0 mm	0.015	30 mm	50 mm	300 N	100 N
79898	4x SM G.657.A2 (4x1)	4.0 mm	0.015	30 mm	50 mm	300 N	100 N
79920	4x SM G.657.A2	2.9 mm	0.013	20 mm	50 mm	300 N	100 N



Article number	Description	Outer diameter approx.	Weight (kg)	Min. bending radius after installation	Min. bending radius during installation	Tensile load short term (tm)	Tensile load long term (tl)
	(1x4)						
79899	6x SM G.657.A2 (1x6)	4.0 mm	0.014	30 mm	50 mm	300 N	100 N
79901	12x SM G.657.A2 (2x6)	4.0 mm	0.013	30 mm	50 mm	300 N	100 N
79900	12x SM G.657.A2 (1x12)	4.0 mm	0.015	30 mm	50 mm	300 N	100 N
79903	24x SM G.657.A2 (4x6)	4.3 mm	0.014	30 mm	50 mm	300 N	100 N
79902	24x SM G.657.A2 (2x12)	4.0 mm	0.014	30 mm	50 mm	300 N	100 N