

## Technical specifications : Ref. 236106

Fiber core type		Single-mode (ITU-T-G.657A2)
Optical fiber type category		OS1
Fiber core diameter	µm	9
Fiber cladding diameter	µm	125
Coating buffer diameter	µm	250
Cable structure		Tight buffer
Plastic buffer diameter	in	0.031
Outer sheath Diameter	in	0.118
Outer sheath Material		LSFH
Blocking jelly		No
Attenuation 1310nm	dB/km	< 0.4
Attenuation 1490nm	dB/km	< 0.4
Attenuation 1550nm	dB/km	< 0.3
Insertion losses in connector 1	dB	< 0.3
Insertion losses in connector 2	dB	< 0.3
Return losses in connector 1	dB	> 50
Return losses in connector 2	dB	> 50
Optical connector type 1		FC
Polishing type (Optical connector 1)		UPC
Optical connector type 2		FC
Polishing type (Optical connector 2)		UPC
Short tension	N	440
Structure reinforcement element		Aramid fibers and flexible stainless steel tube
Short crush (@100mm)	N	1000
Minimum bending radius	in	1.181
Operating temperature	°F	-4 ... 158