

FIBRE OPTIC CABLES GENERAL SPECIFICATIONS

MULTI-MODE FIBRE TYPE

	BANDWIDTH (OVERFILLED LAUNCH) Mhz/km		1GBPS ETHERNET LINK LENGTH m		10GBPS ETHERNET LINK LENGTH m	ATTENUATION* LT CABLES dB/km		NUMERICAL APERTURE μ M	CORE DIAMETER μ M	CLADDING DIAMETER μ M	COATING DIAMETER μ M
	At 850 nm	At 1300 nm	At 850 nm	At 1300 nm	At 850 nm	Maximum at 850 nm	Maximum at 1300 nm				
	62,5/125 μ m OM1	≥ 220	≥ 600	≤ 300	≤ 550	-	2.6/3.2				
50/125 μ m OM2	≥ 500	≥ 500	≤ 550	≤ 550	-	2.4/3.5	0.7 /1.5	0.20 ± 0.015	50.0 ± 2.5	125 ± 1.0	245 ± 10
50/125 μ m OM3	≥ 1500	≥ 500	-	-	≤ 300	2.0/3.0	0.5/1.0	0.20 ± 0.015	50.0 ± 2.5	125 ± 1.0	245 ± 10
50/125 μ m OM4	≥ 3500	≥ 500	-	-	≤ 550	2.0/3.0	0.5/1.0	0.20 ± 0.015	50.0 ± 2.5	125 ± 1.0	245 ± 10

SINGLE-MODE FIBRE TYPE

	ATTENUATION* LT CABLES dB/km			MODE FIELD DIAMETER μ M		CHROMATIC DISPERSION ps/(nm.km)					CABLE CUT-OFF WAVELENGTH (λ_{cc})	ZERO DISPERSION WAVELENGTH (λ_0)	PMD (INDIVI- DUAL FIBER) ps/v/km	CLADDING DIAMETER μ M	COATING DIAMETER μ M
	Maximum at 1310nm	Maximum at 1550nm	Maximum at 1625nm	At 1310nm	At 1550nm	At 1285 - 1330 nm	At 1550 nm	At 1530 - 1565 nm	At 1565 - 1625 nm	At 1460 - 1625 nm					
	9/125 μ m OS2 G.652D ZWP**	0.31/ 0.35	0.20/ 0.24	0.21/ 0.26	$9.2 \pm$ 0.4	$10.4 \pm$ 0.5	≤ 3.5	≤ 18	-	-					
9/125 μ m OS2 G.657.A1 ZWP**	0.31/ 0.35	0.20/ 0.24	0.21/ 0.26	$8.9 \pm$ 0.4	$10.8 \pm$ 0.5	-	-	-	-	-	≤ 1260	1302 - 1322	0.1	125 ± 0.7	240 ± 5
9/125 μ m OS2 G.657.B3	0.31/ 0.35	0.20/ 0.24	0.21/ 0.26	8.4 - 9.2	9.2 - 10.4	-	-	-	-	-	≤ 1260	1250 - 1324	0.2	125 ± 0.7	245 ± 10

* All attenuation values are valid for cabled fibres

** Zero Water Peak