



FIBRE OPTIC CABLE

## SM FIBRE

## G.657B3

FIBRE PARAMETERS			
Mode Field Diameter	1310nm	μm	8.6±0.4
Cladding Diameter		μm	124.8±0.7
Cladding Non-Circularity		%	≤0.7
Core-Cladding Concentricity Error		μm	≤0.5
Coating Diameter		μm	
Coating Non-Circularity		%	≤6.0
Cladding- Coating Concentricity Error		μm	≤12.0
Cable Cut-off Wavelength		nm	λ <sub>cc</sub> ≤1260
Attenuation (max)	1310nm	dB/km	≤0.35
	1550nm		≤0.21
Macro-Bending Loss	1 turn x 10mm radius @1550nm	dB	≤0.10
	1 turn x 10mm radius @1625nm		≤0.25