



FIBRE OPTIC CABLE

MM FIBRE

OM4

OPTICAL CHARACTERISTICS

Item		Unit	Specification
Core Diameter		µm	50.0±2.5
Cladding Diameter		µm	124.8±1.0
Core Non-Circularity		%	≤5.0
Cladding Non-Circularity		%	≤1.0
Core Cladding Concentricity Error		µm	≤1.0
Coating Diameter		µm	245±7
Coating Non Circularity		%	≤6.0
Cladding - Coating Concentricity Error		µm	≤12.0
OFL Bandwidth	850nm	MHz-km	≥3500
	1300nm		≥500
Effective Modal Bandwidth	850nm	MHz-km	≥4700
	1300nm		≥500
Attenuation Coefficient	850nm	dB/km	≤2.3
	1300nm		≤0.6