



SINGLEMODE 9/125 FIBER OPTIC

OPTICAL CABLE SPECIFICATION:

Transmission Performance

	CONDITIONS	SPECIFIC VALUE	UNITS
Maximum attenuation (cabled)	1310nm	≤0.35	dB/KM
	1550nm	≤0.21	dB/KM
Mode field diameter	1310nm	9.3±0.4	µm
Cut off wavelength		≤1250	
Chromatic dispersion			
Zero dispersion wavelength		1302-1324	nm
Zero dispersion Slope		≤0.093	ps/nm ² .KM
Dispersion co-efficient	1285-1340nm	≤0.35	ps/nm ² .KM
	1550nm	≤18	ps/nm ² .KM
Polarisation mode dipersion(cabled)		≤0.5	ps/V.KM

Geometrical Characteristics

	CONDITIONS	SPECIFIC VALUE	UNITS
MFD non -circularity		≤6	%
MFD /Cladding concentricity error		≤0.8	µm
Cladding diameter		125.0 ± 2.0	µm
Cladding non-circularity		≤1.0	%
Coating diameter		245 ± 10	µm
Coating non-circularity		≤1.0	%
Coating concentricity error		≤ 12.5	µm

Enviromental & Mechanical Characteristics

	CONDITIONS	SPECIFIC VALUE	UNITS
Temperature dependance	1310nm, 1550nm	≤0.05	dB/KM
Induced attenuation	Neg 60 to Positif 85°C		
Coating Strip Force	Typical average force	1.4	N
Proof test	Off line	≥8.8	N
		≥100	KPSI

1 Year Product Warranty

NETWAY warrants all its optical cable product to be free from defects in material and workmanship for a period of one(1)year from the factory shipment date.If a breach of warranty occurs, NETWAYshall promptly repair or replace the defective goods at no cost to the customer within the warranty period after investigation. All costs incidental to repairing or replacing defective goods including, but not limited to removal, disassmebly and reinstalltion, shall be borne by customer.

Limitation Of Liability

The warranties do not cover the repair or replacement of any goods which fail as a result of damage in transit, misuse, neglect, accident, Act of god, Improper handling, improper storage, excessive stress, Faulty or improper installation,