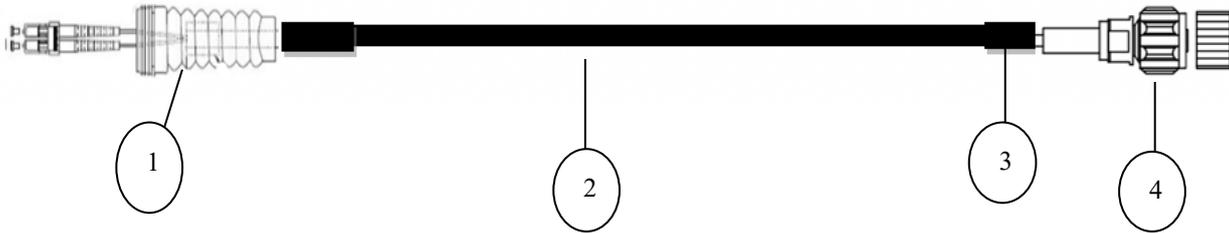




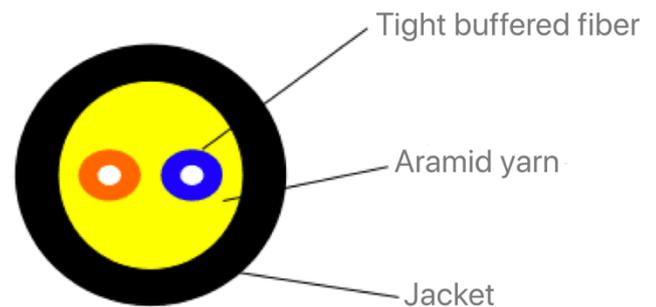
Product specification

ODC-NSN 2C



Description

No.	Description
1	Connector/ NSN
2	Optical cable, duplex, 5.0mm, LSZH black jacket
3	Fan-out
4	Connector/ ODCA



Specification

Singlemode fiber

Item	Unit	Specification
Attenuation	dB/km	1310nm≤0.4 1550nm≤0.3
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0
Zero dispersion wavelength	Nm	1300~1324
Zero dispersion slope	Ps/nm.km	≤0.095
Fiber cutoff wavelength	Nm	≤1260
Mode field diameter	Um	9.2±0.5
Mode field concentricity	Um	<=0.8
Cladding diameter	um	125±1.0
Cladding non-circularity	%	≤1.0
Coating/cladding concentricity error	Um	≤12.5
Coating diameter	um	245±10
bending, dependence induced attenuation	1550nm,1turns,32mm diameter 100 turns,60mm diameter	≤0.5 db
Proof test	kpsi	≥100





Product specification

ODC-NSN 2C

Multimode fiber

Item	Unit	Specification	
Attenuation	dB/km	850 nm ≤ 3.5 1300 nm ≤ 1.5	
Bandwidth	MHz·km	50/125um	62.5/125 um
		850 nm ≥ 200	850 nm ≥ 160
		1300 nm ≥ 200	1300 nm ≥ 200
Cladding diameter	um	125 ± 1.0	
Cladding non-circularity	%	≤ 1.0	
Coating/cladding concentricity error	Um	≤ 12.5	
Coating diameter	um	245 ± 10	
Bending induced attenuation	850nm,1300nm 100turns,75mm diameter	≤ 0.5 at 850 nm \ 1300 nm	
Proof test	kpsi	≥ 100	

Connectors

Item	Parameter	
Connector type	LC/UPC, SC/UPC, FC/UPC, ST/UPC (Nokia Boot)	
Insertion Loss	Singlemode ≤ 0.3db	Multimode ≤ 0.3db
Return Loss	Singlemode ≥ 50db	Multimode ≥ 60db
Fiber type	G.652.D	
Repeatability	≤ 0.1	
Interchangeability	≤ 0.2dB	
Durability	≤ 0.2dB	
Fiber Length	1m, 2m..... any length optional.	
Length and tolerance	10cm	
Operating Temperature	-40C ~ +85C	
Storage Temperature	-40C ~ +85C	

Item	Parameter	
Connector type	ODC	
Insertion Loss	Singlemode: ≤ 0.5dB	Multimode: ≤ 0.3dB
Return Loss	Singlemode: ≥ 50dB	Multimode: ≥ 60db
Mechanically Robust	ODC plug ≤ 800N tensile load	
	ODC socket ≤ 30N tensile load	
Installation torque force	Min. 1Nm/ Max. 2Nm	
Operating temperature	-40°C ~ +85°C	
Mating durability	Min. 100 cycles	
Waterproof grade	IP67	

The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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Making Good Ideas Happen