

φ80 μm cladding PANDA

Feature

- Small diameter cladding types endure smaller radius bending than standard types.

Common specifications

Concentricity error	≤ 0.5 μm
Cladding diameter	80 ± 1 μm (Major diameter)
Minimum bending radius	1% proof : R15 mm* 2% proof : R15 mm
Coating structure	UV curable acrylate
Coating diameter	165 ± 15 μm

Product list

Product	Operational wavelength	Mode field diameter	Attenuation	Cutoff wavelength	Polarization crosstalk	Beat length
RCHA85-PS-U17C	850 nm band	3.5 ± 0.5 μm @ 850 nm	≤ 3.5 dB/km @ 850 nm	650 - 800 nm	≤ -30 dB/100m @ 850 nm	≤ 2.0 mm
RCSM98-PS-U17C	980 nm band	6.0 ± 0.5 μm @ 980 nm	≤ 2.5 dB/km @ 980 nm	870 - 950 nm	≤ -25 dB/100m @ 980 nm	1.4 - 2.6 mm
RCSM13-PS-U17C	1310 nm band	8.2 ± 0.5 μm @ 1310 nm	≤ 2.0 dB/km @ 1310 nm	1100 - 1290 nm	≤ -25 dB/100m @ 1310 nm	2.0 - 3.5 mm
RCSM14-PS-U17C	1400 nm band	9.0 ± 0.5 μm @ 1450 nm	≤ 2.0 dB/km @ 1450 nm	1200 - 1380 nm	≤ -25 dB/100m @ 1450 nm	2.3 - 4.2 mm
RCSM15-PS-U17C	1550 nm band	9.5 ± 0.5 μm @ 1550 nm	≤ 2.0 dB/km @ 1550 nm	1290 - 1450 nm	≤ -25 dB/100m @ 1550 nm	2.5 - 4.5 mm
RCHA15-PS-U17C	1550 nm band	6.0 ± 1.0 μm @ 1550 nm	≤ 3.0 dB/km @ 1550 nm	1290 - 1500 nm	≤ -30 dB/100m @ 1550 nm	≤ 3.7 mm

*1% proof test type is standard. 2% proof test type is available, and code '-H' is added at the end of the product name.
(e.g. SM15-PS-U40D-H)



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Specifications are subject to change without prior notice