

TECHNICAL DATASHEET

Triple Window Fused Fiber Coupler TWFC

Product family	Couplers & Polarization
Key selection	Fiber Optic Component

Technical Specifications

Parameter	-	Unit	Specification	-
Grade	-	-	Grade P	GradeA
Operating Wavelength	-	nm	1310±40&1490±10&1550±40	-
Typical Excess Loss	-	dB	0.07	0.10
Coupling Ratio	50/50	□	≤3.6	≤3.8
-	40/60	□	≤4.7/2.7	≤4.9/2.9
-	30/70	□	≤6.0/1.9	≤6.3/2.1
-	20/80	□	≤7.9/1.3	≤8.4/1.4
-	10/90	□	≤9.2-11.0/0.75	≤8.8-11.4/0.8
-	5/95	□	≤12.05-14.20/0.4	≤11.55-14.65/0.5
-	2/98	□	≤15.60-18.55/0.3	≤15.00-19.20/0.4
-	1/99	□	≤18.45-21.70/0.25	≤17.80-22.40/0.35
Polarization Dependent Loss	-	dB	≤0.15	≤0.20
Directivity	-	dB	≥55	-
Operating Temperature	-	°C	-40 to +85	-

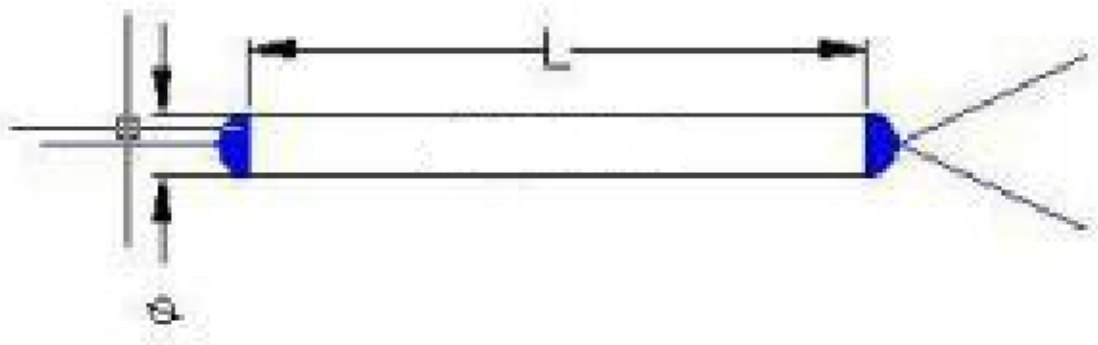
Configuration Notes

Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

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Package Dimensions

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Dimensions are shown in millimetres unless otherwise indicated. Final package, pigtail and connector configuration should be confirmed in the quotation.