

TECHNICAL DATASHEET

1xN Multimode Fused Fiber Coupler

Product family	Couplers & Polarization
Key selection	Multimode / 1xN

Technical Specifications

Parameter	-	Unit	Specification	-
Port	-	-	1x2(2X2)	-
Grade	-	-	Grade P	GradeA
Operating Wavelength	-	nm	1310+/-40;850±40;1310 &850±40	-
Uniformity (50/50)(dB)	-	dB	≤0.5	≤0.8
Directivity (dB)	-	dB	≥35	-
Operating Temperature (°C)	-	-	-40 to +85	-
Typical Excess Loss (dB)	-	dB	0.4	0.7
Coupling Ratio	50/50	□	≤3.7	≤4.0
-	40/60	□	≤4.7/2.7	≤5.0/3.0
-	30/70	□	≤6.0/2.1	≤6.3/2.4
-	20/80	□	≤7.8/1.4	≤8.1/1.7
-	10/90	□	≤11.2/0.9	≤11.6/1.2
-	5/95	□	≤14.5/0.7	≤15.0/1.0
-	2/98	□	≤18.6/0.6	≤19.4/0.9
-	1/99	□	≤22.0/0.5	≤22.8/0.8
Port	-	-	1x3	-
Grade	-	-	Grade P	GradeA
Operating Temperature	-	nm	1310+/-40;850±40;1310 &850±40	-
Typical Excess Loss	-	dB	0.4	0.7
Uniformity (50/50)	-	dB	≤6.6	≤6.7
-	-	dB	≤0.8	≤1.2

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

1xN Multimode Fused Fiber Coupler

Package reference: Dia. 3.0 x L40/54/60 / Dia. 4.0 x L65 / 90 x 20 x 9.5

Catalog-listed package information

Catalog-listed package options: dia. 3.0 x L54, dia. 3.0 x L40, dia. 3.0 x L60, dia. 4.0 x L65, or 90 x 20 x 9.5 mm, depending on configuration.

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