

FBT COUPLER

Ultra Flat Dual Window Coupler 50/50

Specifications:

| Parameter | Premium | A Grade |
|---------------------------------|----------------------------|------------------------|
| Operating Wavelength | 1310 ± 50nm & 1550 ± 75 nm | |
| Insertion Loss (Max) | ≤ 4.0 dB | |
| Uniformity | ≤ 0.8dB | |
| Return Loss | 1x2 > 55 dB | 2x2 > 65 dB |
| PDL | ≤ 0.15 dB | |
| TDL | 0.20 dB(-10°C ~ +75°C) | 0.35 dB(-40°C ~ +85°C) |
| Operating & Storage Temperature | -40°C ~ +85°C | |
| Package Dimensions | Light Duty (B) | φ 3.0mm x 55.0mm |
| | Medium Duty (L) | φ 3.0mm x 60.0mm |
| | Heavy Duty (R) | 100mm x 12.0mm x 8.0mm |

Tree and Star Couplers (Equal Splitter)

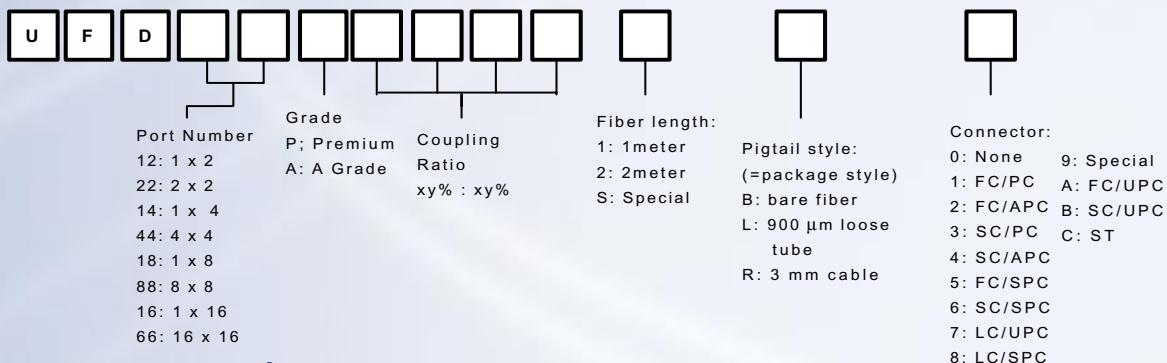
| Port # | Grade | Max IL | | Uniformity | | PDL | |
|--------|-------|---------|---------|------------|---------|---------|---------|
| | | Premium | A Grade | Premium | A Grade | Premium | A Grade |
| 1x4 | | 7.6 dB | 8.0 dB | 1.2 dB | 1.5 dB | 0.3 dB | 0.4 dB |
| 2x4 | | 7.8 dB | 8.2 dB | 1.4 dB | 1.7 dB | 0.3 dB | 0.4 dB |
| 1x8 | | 11.0 dB | 11.5 dB | 1.8 dB | 2.2 dB | 0.4 dB | 0.5 dB |
| 2x8 | | 11.2 dB | 11.7 dB | 2.1 dB | 2.5 dB | 0.4 dB | 0.5 dB |
| 1x16 | | 14.4 dB | 15.0 dB | 2.4 dB | 3.0 dB | 0.5 dB | 0.5 dB |
| 2x16 | | 14.6 dB | 15.2 dB | 2.6 dB | 3.2 dB | 0.5 dB | 0.5 dB |

Note1: All values specified are without connectors.

Note2: Fiber Type – Corning SMF-28 unless otherwise specified.

Note2: Higher performance requirement upon request. 4x4, 8x8, 16x16 is available.

Order Information:



REVISION
B



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