

1x4 Dual Window Wideband Coupler



Applications

- Video signals distribution in optical CATV
- Usable for PON (Passive Optical Network)
- Signal-distribution using optical AMP

Descriptions

DC204 is the compact fused fiber coupler distributing optical power to 4 ports and designed for operation at wideband wavelength. DC204 is suitable for installation in optical equipments and the best choice for constructing Passive Optical Networks.

Features

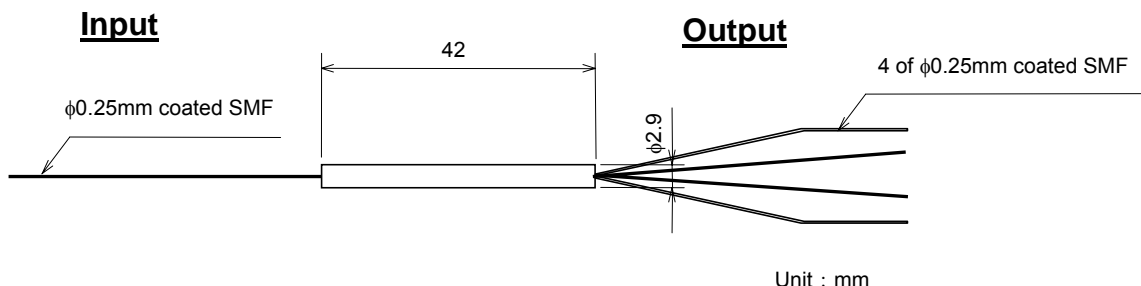
- Operating three window (1310, 1490, and 1550nm communication window)
- Suitable for constructing Passive Optical Networks.
- High reliability. (Telcordia GR-1209, GR-1221 Qualified)

Specifications

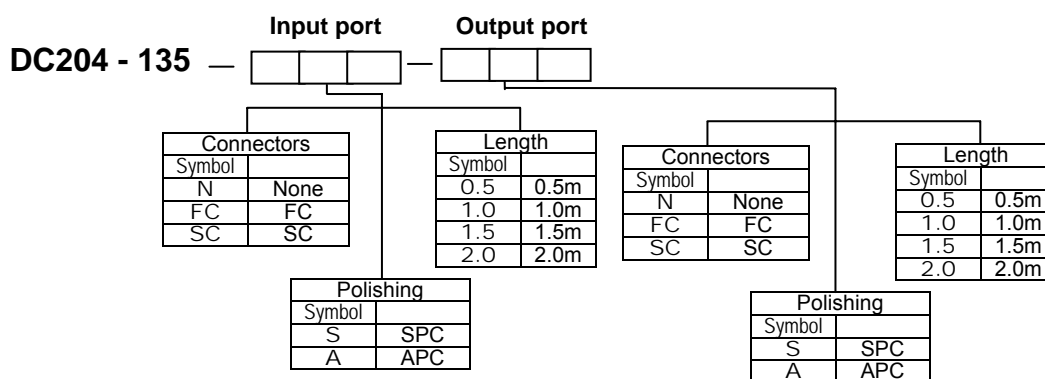
Parameter	Specification
Configuration	1 x 4
Fiber type	φ0.25mm coating SM-fiber
Operating Wavelength	1260 ~ 1360 nm and 1480 ~ 1580 nm
Operating Temperature	-30 ~ +75 °C
Storage Temperature	-40 ~ +85 °C
Insertion Loss (dB)	≤ 7.5
Uniformity (dB)	≤ 1.6
PDLoss (dB p-p)	≤ 0.3
Directivity (dB)	≥ 50
Return Loss (dB)	≥ 50
Size	φ2.9 x L 42(mm)

*Not including connectors in all specifications

Outline drawing



Ordering Information



Furukawa Electric reserves the right to improve, enhance and modify the features and specifications of FITEL products without prior notifications.

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