

SPECTRUM FIBER OPTIC COMPONENTS

SPECTRUM



FC
Patchcord & Pigtail

FEATURES

- Type FC Fiber Optic Patchcord and Pigtail.
- Single mode and Multimode APC.
- Simplex or Duplex.
- Custom order length: 5m, 10m, 15m, 20m...
- Cable: 2(3)mm PVC, LSZH, OM3, G-657A.
- All parts compliant with ROHS.
- IEC standard compatible.
- GR-326-CORE Compliant.
- Curvature radius: 3cm
- Outer diameter: 3.0mm
- Tensile strength : 90 N/cm
- Crush resistance (reversible): 550N/cm

TECHNICAL SPECIFICATIONS

| ITEM | Model | PC | SPC | UPC | APC |
|------------------------------------|--|---------|---------|---------|---------|
| Insertion Loss | SM | ≤0.25dB | ≤0.20dB | ≤0.20dB | ≤0.15dB |
| | MM | ≤0.30dB | ≤0.20dB | ≤0.20dB | ≤0.30dB |
| Return Loss | SM | ≥45dB | ≥50dB | ≥55dB | ≥65dB |
| | MM | ≥35dB | ≥35dB | ≥35dB | ≥35dB |
| Repetition Test | Additional Loss≤0.1dB, Return Loss Variability<5dB | | | | |
| Temperature Stability (-40 ~ 85°C) | Additional Loss≤0.2dB, Return Loss Variability<5dB | | | | |
| Operating Temperature | -40 ~ +75°C | | | | |
| Storage Temperature | -40 ~ +75°C | | | | |

ORDERING INFORMATION

SPPC-AAB-AAB-CCCC-DDD/SPPT-AAB-CCCC-DDD

| SPPC/SPPT | AA-Connector Type | B-Contact Type | CCCC-Cable Type | DDD-Length* |
|--------------------|-------------------|--|--|-----------------------|
| Spectrum Patchcord | FC: FC Connector | U ₁ : UPC, Single Mode, Simplex | 9SSM ₁ : 9/125µm, Simplex, Single Mode, PVC | 003: 3m |
| Spectrum Pigtail | LC: LC Connector | U ₂ : UPC, Single Mode, Duplex | 9DSM ₁ : 9/125µm, Duplex, Single Mode, PVC | 005: 5m |
| | SC: SC Connector | U ₃ : UPC, Multi Mode, Simplex | 5SMM ₁ : 50/125µm, Simplex, Multi Mode, PVC | 030: 30m |
| | LC: FC Connector | U ₄ : UPC, Multi Mode, Duplex | 5DMM ₁ : 50/125µm, Duplex, Multi Mode, PVC | 300: 300m |
| | LC: SC Connector | A ₁ : APC, Simplex | 6SMM ₁ : 62.5/125µm, Simplex, Multi Mode, PVC | K03: 3000m |
| | | A ₂ : APC, Duplex | 6DMM ₁ : 62.5/125µm, Duplex, Multi Mode, PVC | (*As per Requirement) |
| | | | 9SSM ₂ : 9/125µm, Simplex, Single Mode, LSZH | |
| | | | 9DSM ₂ : 9/125µm, Duplex, Single Mode, LSZH | |
| | | | 5SMM ₂ : 50/125µm, Simplex, Multi Mode, LSZH | |
| | | | 5DMM ₂ : 50/125µm, Duplex, Multi Mode, LSZH | |
| | | | 6SMM ₂ : 62.5/125µm, Simplex, Multi Mode, LSZH | |
| | | | 6DMM ₂ : 62.5/125µm, Duplex, Multi Mode, LSZH | |
| | | | 5SMM ₃ : 50/125µm, Simplex, Multi Mode, OM3, PVC | |
| | | | 5DMM ₃ : 50/125µm, Duplex, Multi Mode, OM3, PVC | |
| | | | 6SMM ₃ : 62.5/125µm, Simplex, Multi Mode, OM3, PVC | |
| | | | 6DMM ₃ : 62.5/125µm, Duplex, Multi Mode, OM3, PVC | |
| | | | 5SMM ₄ : 50/125µm, Simplex, Multi Mode, OM3, LSZH | |
| | | | 5DMM ₄ : 50/125µm, Duplex, Multi Mode, OM3, LSZH | |
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