

FEATURED CONFIGURATION / CX-OPT-SCAPC-PC

# Round Reinforced Hardened Cable Assembly

CX-OPT-SCAPC-PC: a reinforced single-fiber assembly with a hardened OPT/SC/APC interface.



| Specification                         | Details                                           |
|---------------------------------------|---------------------------------------------------|
| Optical fiber                         | 1 × single-mode G.657.A2                          |
| Cable outside diameter                | 5.0 ±0.2 mm                                       |
| Jacket / tight buffer                 | Black LSZH / 0.9 mm blue PVC tight buffer         |
| Strength members                      | Aramid yarn and stainless-steel mesh              |
| Optical interface                     | Hardened OPT/SC/APC configuration                 |
| Connector insertion / return loss     | ≤0.3 dB / ≥60 dB at 1310 and 1550 nm              |
| Loss change: interchange / repeat     | ≤0.2 dB / ≤0.2 dB                                 |
| Fiber attenuation                     | ≤0.35 dB/km at 1310 and 1550 nm                   |
| Cable tensile load, long / short term | 450 N / 2,000 N                                   |
| Minimum cable bend radius             | 10D long term; 20D short term; D = cable diameter |
| Cable operating temperature           | −20 to +70 °C                                     |

This construction includes metal. Specify grounding, route, length and both end interfaces. Cable load ratings are not allowable pulling forces through connectors.