

## Technical Specifications

# S2D-ARM-*aabb*-xx

*Armor-Lined Jacket OS2 Multimode Fiber Patch Cords*



## Physical Characteristics

Connector Types End A	LC/SC
Connector Types End B	LC/SC
Polish Type	UPC-UPC
Connector Ferrule	Zirconia Ceramic
Cable Outside Diameter	3.0mm
Minimum Bend Radius	30mm
Tensile Strength	445~587N (100~132 lb/ft)
Available Lengths	5m (16.4 ft), 7m (23 ft), 10m (32.8 ft), 15m (49.2 ft), 20m (65.6 ft), 30m (98.4 ft)

## Environmental Characteristics

Operating Temperature	-40~75°C (-40~167°F)
Storage Temperature	-45~85°C (-49~185°F)

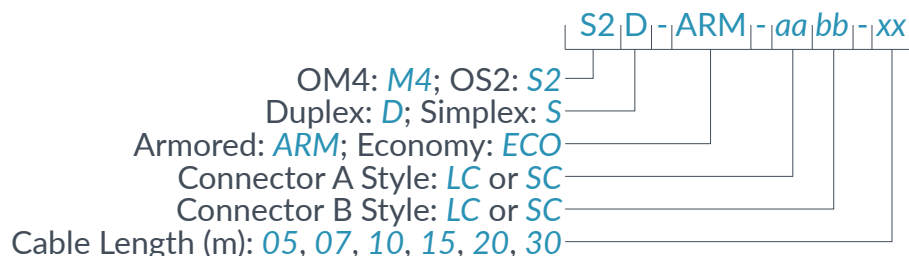
## Mechanical Characteristics

Fiber Type	OS2
Fiber Count	Duplex
Cable Jacket	PVC (OFNR)
Jacket Color	Blue
Armor Material	Helical stainless steel belt
Insulation Material	Kevlar® aramid yarn with stainless steel mesh
Fiber Grade	G.652.D
Polarity	A(Tx) to B(Rx)

## Optical Characteristics

Connector Insertion Loss	≤0.3dB
Connector Return Loss	≥50dB
Attenuation at 1310nm	0.36dB/km
Attenuation at 1550nm	0.22dB/km

## Ordering Options



If an installation requires a 15 meter long cable with LC connectors on one end and SC connectors on the other, the part number to order is: **S2D-ARM-LCSC-15**.