

Outside Plant Fiber Optic Cable, armored, 12-fiber, Singlemode, OS2, loose tube, gel-filled, 2000 m

Product Classification

Regional Availability	Asia
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	D-CA

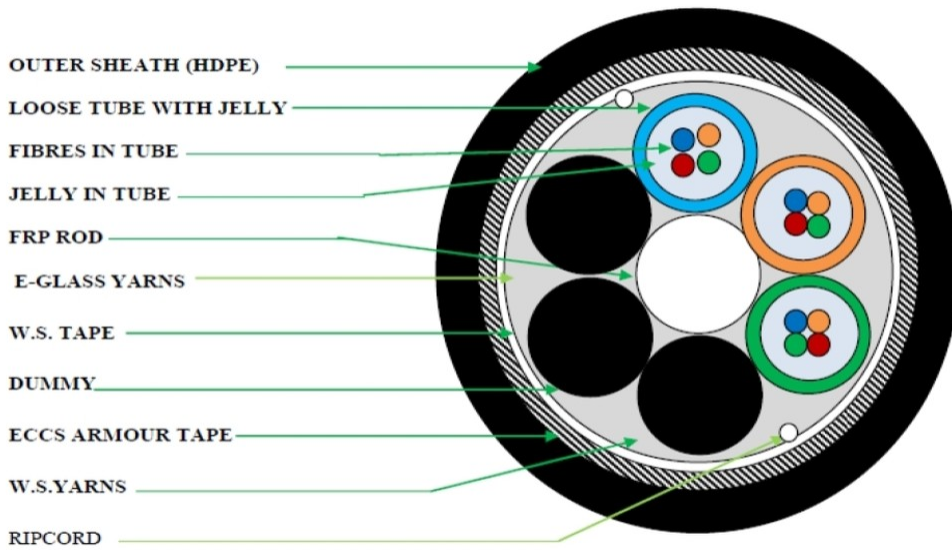
General Specifications

Armor Type	Electrolytic chrome-coated steel (ECCS) tape
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	12

Dimensions

Cable Length	2000 m 6,561.68 ft
Buffer Tube/Subunit Diameter	2.4 mm 0.094 in
Diameter Over Jacket	12.5 mm 0.492 in

Representative Image



Material Specifications

Jacket Material High density polyethylene (HDPE)

Mechanical Specifications

Tensile Load, short term, maximum 4000 N | 899.236 lbf

Cable Crush Resistance, maximum 40 N/mm | 228.406 lb/in

Flex 25 cycles

Optical Specifications

Fiber Type G.652.D | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.22 dB/km @ 1,550 nm | 0.34 dB/km @ 1,310 nm

Standards Compliance TIA-492CAAB (OS2)

Environmental Specifications

Operating Temperature -20 °C to +70 °C (-4 °F to +158 °F)

Jacket UV Resistance UV stabilized

Packaging and Weights

Cable weight 160 kg/km | 107.515 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable