## 760249704 | 0-006-CA-5Y-M06BK/30G/093



## PE, Gel Central Tube, CST, FOC, 6F, OM3

Product Classification	

Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA
General Specifications	
Cable Type	Central loose tube
Construction Type	Armored
Fiber Type, quantity	6
Fibers per Subunit, quantity	6
Jacket Color	Black
Jacket Marking	Feet
Subunit Type	Gel-filled
Total Fiber Count	6
Dimensions	
Buffer Tube/Subunit Diameter	3 mm   0.118 in
Diameter Over Jacket	9.7 mm   0.382 in
Mechanical Specifications	
Minimum Bend Radius, loaded	194 mm   7.638 in
Minimum Bend Radius, unloaded	97 mm   3.819 in

Minimum Bena Radius, Ioadea	19411111   7.038111
Minimum Bend Radius, unloaded	97 mm   3.819 in
Tensile Load, long term, maximum	800 N   179.847 lbf
Tensile Load, short term, maximum	2700 N   606.984 lbf
Compression	20 N/mm   114.203 lb/in

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StrainSee long and short term tensile loadsStrain Test MethodIEC 60794-1-2-E1Optical SpecificationsM3Fiber TypeOM3Optical Specifications, Wave=rgth SpecificAttenuation, maximum1.00 dB/km@1,300 nm   3.00 dB/km@850 nmFinuronnental Specifications-10 °C to +60 °C (+14 °F to +140 °F)Operating Temperature-40 °C to +70 °C (-40 °F to +158 °F)Storage Temperature-40 °C to +70 °C (-40 °F to +158 °F)Environnental SpaceBuried   Ducted   Outdoor
Optical SpecificationsOM3Piber TypeOM3Optical Specifications, WaveSpecificationsAttenuation, maximum1.00 dB/km@1,300 nm   3.00 dB/km@850 nmEnvironmental Specifications
Fiber TypeOM3Optical Specifications, Wave=rgth SpecificAttenuation, maximum1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nmEnvironmental SpecificationsInstallation temperature-10 °C to +60 °C (+14 °F to +140 °F)Operating Temperature-40 °C to +70 °C (-40 °F to +158 °F)Storage Temperature-40 °C to +70 °C (-40 °F to +158 °F)
Optical Specifications, Wavelength SpecificAttenuation, maximum1.00 dB/km @ 1,300 nm   3.00 dB/km @ 850 nmEnvironmental Specifications
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Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)   Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b> -40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space Buried   Ducted   Outdoor
Water Penentration24 h
Water Penentration Test MethodIEC 60794-1 F5B
Environmental Test Specifications
Temperature Cycle -40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test MethodIEC 60794-1-2 F1
Packaging and Weights
Cable weight 100 kg/km   67.197 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

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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