

25 X 24 SEALPIC®-FSF

Part Number: 09-097-02
Status: Available



GENERAL SPECIFICATIONS

Jacket	PE
Jacket Color	Black
Filling Compound	ETPR
End User Application	Lashed Aerial, Underground Conduit, Low risk Direct Burial
Environment	Outdoor
Water-Blocking	Gel

COPPER SPECIFICATIONS

Pair Core	"Cables larger than 25-pair are assembled into units, which are then used to assemble the core; units are identifiable using color-coded binders"
Conductor	Bare
Conductor Count	50
AWG (mm)	24 (0.51)
Insulation	Polyolefin
Voltage Rating	462

FIBER SPECIFICATIONS

Fiber Optic Shield	ALUM-C
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ELECTRICAL SPECIFICATIONS

Minimum Insulation Resistance @ 68°F (20°C) gigohm-mile (gigohm-km)	1.0 (1.6)
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ELECTRICAL SPECIFICATIONS

Maximum Average Attenuation* 772 kHz @ 68°F (20°C) dB/kft (dB/km)	5.6 (18.4)
Maximum Conductor Resistance @ 68°F (20°C) Ohms/sheath mile (km)	144.0 (89.5)
DC Resistance Unbalance Maximum % Average	1.5
DC Resistance Unbalance Maximum % Individual Pair	5
Dielectric Strength DC Potential – Volts Conductor to Conductor	3000
Dielectric Strength DC Potential – Volts Conductor to Shield	10000
Minimum Near End Crosstalk (NEXT) @ 772 kHz PSWUNEXT Mean (dB)	47
Minimum Near End Crosstalk (NEXT) @ 772 kHz PSWUNEXT Worst Pair (dB)	42
Minimum Far End Crosstalk (FEXT) @ 772 kHz PSELFEXT Mean (dB/kft)	49
Minimum Far End Crosstalk (FEXT) @ 772 kHz PSELFEXT Worst Pair (dB/kft)	43

PHYSICAL CHARACTERISTICS

Package Type	Reel
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Product Description

SEALPIC®-FSF Cables are designed for low risk direct burial or duct applications where protection from moisture is required and aluminum shielding is desired. SEALPIC®-FSF may be used aerially, but must be attached to a support strand.



Technical Guideline

For extreme direct burial or lashed aerial installations, this cable is available with the +M feature. Click here to see the "Mechanical Protection (+M) for Extreme Risk Environments" for more information.