



CAT5E FTP-DJ-UVP

OUTDOOR Ethernet Cable with Cat 5E Specifications, Double Jacket and UV Protected Outer Jacket

Applications

Outdoor installations, Fixed or portable installations, Digital distribution frames in transmission stations, Outdoor installations in harsh environments

Constructor Size

0.52 mm

Outer Jacket Material

UV resistant FR-PVC

Outer Diameter

7.9 mm nom.

Weight

68.0 kg/km

Specifications

Detailed Construction

Conductor Material	Bare Copper
Conductor Size	24 AWG
Insulation Material	Solid PO
Insulation O.D.	1.07 mm nom.
Color code	per TIA/EIA 568-B
Overall Shield Design	100% Coverage
Overall Shield Material	Aluminium/Polyester Foil
Overall Foil Shield	Yes
Overall Drain-wire Material	Tinned Copper
Overall Drain-wire Size	24 AWG
Overall Drain-wire Construction	Stranded
Inner Jacket Material	UV resistant FR-PVC
Inner Jacket Diameter	6.1 mm
Inner Jacket Color	Black
2nd Inner Jacket Color	Black
3rd Inner Jacket Color	Black
Total number of wires	8
Outer Jacket Color	Black
Standards	IEC 61156 ED.2, TIA/EIA-568 B.2, RoHS 2002/95/EC
Flamability Rating	IEC 60332-3, UL 1581 VW-1

Performance

Frequency Range	1 - 100 MHz
Impedance	100 Ω
Max. DC Resistance	92 Ω/km @ 20° C
Max. Resistance Unbalance	2%
Capacitance	52 pF/m
Capacitance Unbalance	1.4 pF/m max.
Velocity of Propagation	68% nom.
Propagation Delay Skew	35 ns/100 m max.
Dielectric Strength	700 V / minute
Dielectric Strength to Shield	700 V / minute
Min. Isulation Resistance	5 Ω / km
Min. Bend Radius	70 mm
Max. Operating Temperature	+70° C
Min. Operating Temperature	- 40° C



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