



DATA SHEET

Cat6a Snagless Shielded Cables

For use with 10GBase-T ports and equipment, such as network adapters, hubs, switches, routers, DSL/cable modems and patch panels, and will protect a high speed 10 Gigabit network connection from noise and electromagnetic interference.

OVERVIEW

Snagless Shielded Cat6a patch cable are ideal for voice/data/video distribution, this cable will handle bandwidth-intensive applications and drastically reduces both impedance and structural return loss (SRL). Each patch cable is fully tested to meet ANSI/TIA 568 C.2 Cat6a component requirements.

Each of the individual pairs is bonded together to help maintain the twist-spacing throughout the line right up to the termination point. Constructed from high quality cable and plugs, this design minimizes Near-End Crosstalk (NEXT) levels. Available in a variety of colors to easily color-code a network installation. Individual length label on each cable for ease of use.

FEATURES

- Fully shielded to protect from EMI/RFI interference
- Meets all Cat6a ANSI/TIA-568-C.2 standards
- Lifetime Warranty

LENGTH	GRAY	BLUE	BLACK	AQUA
6in	00971	00973	00975	00977
1ft	00638	00672	00706	00740
2ft	00639	00673	00707	00741
3ft	00640	00674	00708	00742
4ft	00641	00675	00709	00743
5ft	00642	00676	00710	00744
6ft	00643	00677	00711	00745
7ft	00644	00678	00712	00746
8ft	00645	00679	00713	00747
9ft	00646	00680	00714	00748
10ft	00647	00681	00715	00749
12ft	00648	00682	00716	00750
14ft	00649	00683	00717	00751
15ft	00650	00684	00718	00752
20ft	00651	00685	00719	00753
25ft	00652	00686	00720	00754
30ft	00653	00687	00721	00755
35ft	00654	00688	00722	00756

ELECTRICAL SPECIFICATIONS

- Conductor DC Resistance: 9.38Ω/100m (maximum)
- Impedance: 100Ω
- Capacitance: 5600pf/100m
- Propagation Delay: 545ns/100m (maximum)
- Delay Skew: 45ns/100m (maximum)

PHYSICAL SPECIFICATIONS

- Wiring Scheme: T568B
- Temperature Rating: 75°C
- Voltage Rating: 30V
- Approvals: CE
- Warranty: Lifetime
- Package Type: Polybag

CONDUCTOR (4 PAIR)

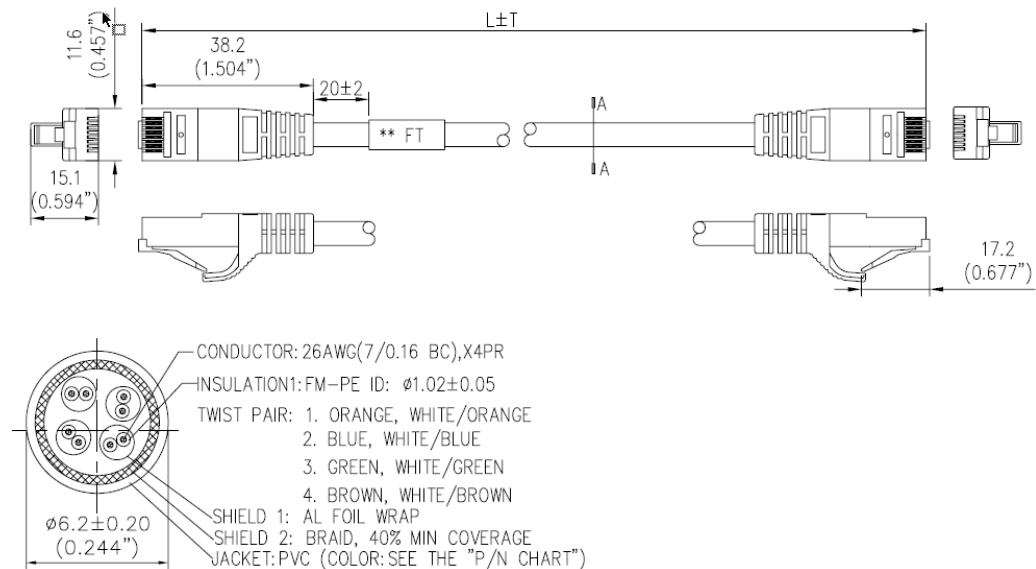
- Conductor: 26AWG (7/0.16 BC)
- Insulation: FM-PE ID: $\phi 1.02 \pm 0.05$
- Twist Pair: Orange, White/Orange, Blue, White/Blue, Green, White/Green Brown, White/Brown

CONNECTORS (QTY 2)

- Connector Type: 8P8C (RJ45)
- Gender: Male
- Contacts: Gold Plated 50μ Molded PVC, UL94V-0

OVERALL CABLE

- Jacket: PVC
- Shield: AL Foil Wrap Braid, 40% Min Coverage
- OD: 6.2 ± 0.20



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