



## DATA SHEET

### Cat6 Snagless Shielded Ethernet Network Patch Cable

For voice/data/video distribution, this cable will handle bandwidth-intensive applications and drastically reduces both impedance and structural return loss (SRL).

#### OVERVIEW

Protect a high speed network from noise and electromagnetic interference when connecting with our Snagless Shielded Cat6 patch cable. 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 Cat6 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 ANSI/TIA-568-C.2 standards
- Lifetime Warranty

LENGTH	GRAY	BLUE	BLACK	GREEN	RED	YELLOW	ORANGE	PURPLE	WHITE
6in	00979	00980	00981	00982	00983	00984	00985	00986	00987
1ft	00774	00791	00808	00825	00842	00859	00876	00897	00914
2ft	00775	00792	00809	00826	00843	00860	00877	00898	00915
3ft	00776	00793	00810	00827	00844	00861	00878	00899	00916
4ft	00777	00794	00811	00828	00845	00862	00879	00900	00917
5ft	00778	00795	00812	00829	00846	00863	00880	00901	00918
6ft	00779	00796	00813	00830	00847	00864	00881	00902	00919
7ft	00780	00797	00814	00831	00848	00865	00882	00903	00920
8ft	00781	00798	00815	00832	00849	00866	00883	00904	00921
9ft	00782	00799	00816	00833	00850	00867	00884	00905	00922
10ft	00783	00800	00817	00834	00851	00868	00885	00906	00923
12ft	00784	00801	00818	00835	00852	00869	00886	00907	00924
14ft	00785	00802	00819	00836	00853	00870	00891	00908	00925
15ft	00786	00803	00820	00837	00854	00871	00892	00909	00926
20ft	00787	00804	00821	00838	00855	00872	00893	00910	00927
25ft	00788	00805	00822	00839	00856	00873	00894	00911	00928
30ft	00789	00806	00823	00840	00857	00874	00895	00912	00929
35ft	00790	00807	00824	00841	00858	00875	00896	00913	00930

## 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)

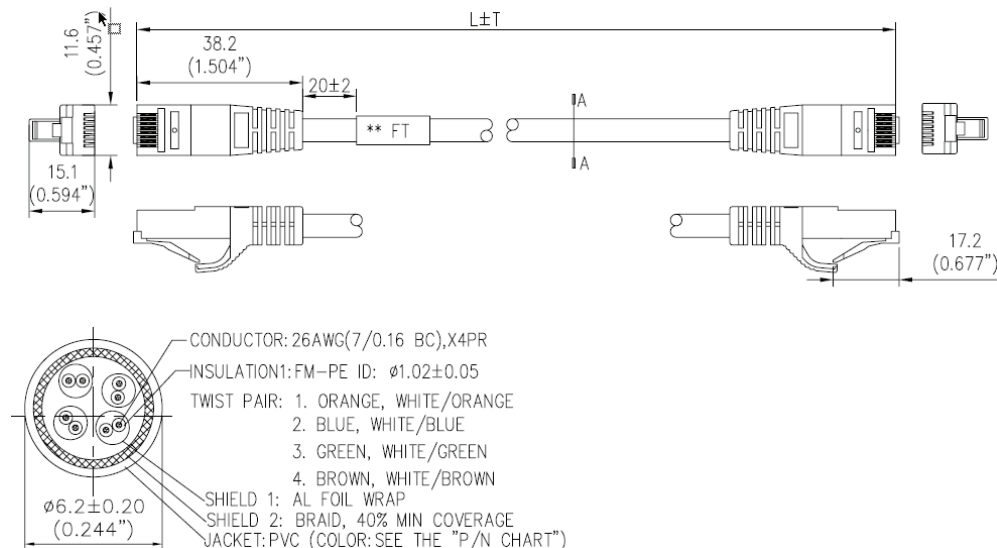
- Conductor Type: 26AWG (7/0.16 BC),
- Insulation: FM-PE ID:  $\varnothing 1.02 \pm 0.05$
- Twist Pair: Orange, White/Orange, Blue, White/Blue, Green, White/Green, Brown, White/Brown

## CONNECTOR TYPE (QTY. 2)

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

## OVERALL CABLE

- Jacket: PVC
- Shield: AL Foil Wrap Braid, 40% Min. Coverage
- Outer Diameter:  $6.20 \pm 0.20\text{mm}$



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## SIMPLIFIED CONNECTIVITY

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