

Products

Enhanced category 5 patch cord for LAN

Outline

This is a high performance patch cord that uses dedicated enhanced category 5 plugs and employs twisted conductors, TIA/EIA standard core identification, and a twisted pair configuration. It uses polyethylene insulation and has a non-halogen flame retardant polyethylene sheath.



This cable conforms to the RoHS standard.

Applications

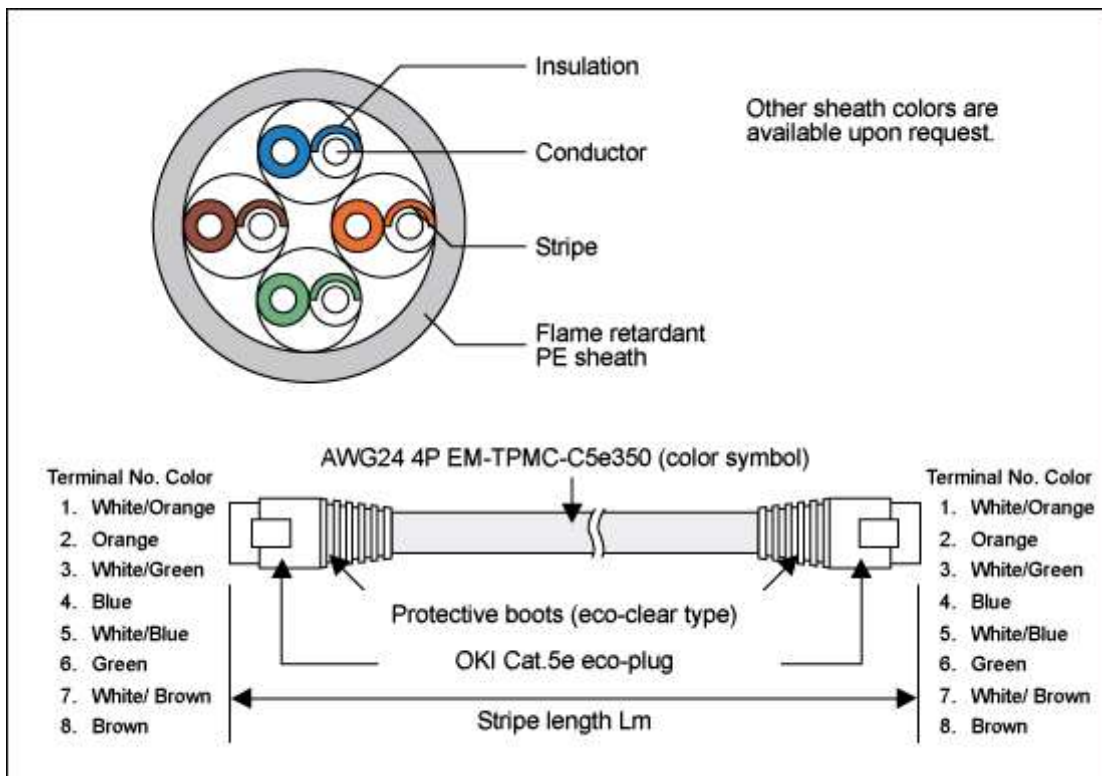
This patch cord conforms to the TIA/EIA-568-B.2 category 5e patch cord standard. It can be used for making patch panel connections in MDF and/or IDF, and also making connections between outlets and terminal equipment.

Standard

TIA/EIA-568-B Enhanced Category 5 patch cord

Specifications / Construction

Item	Performance	Construction example (4 pairs)
Withstand voltage V	DC500 or AC350	See the diagram below
Return loss (RL) dB (Test Head fitting performance)	18 or more (100MHz)	
Loss (IL) dB/100m (Test Head fitting performance)	1m 35.2 or more (100MHz) 2m 35.1 or more (100MHz) 5m 34.8 or more (100MHz)	



*1 : The standard connection is T568B straight, but cross connections and other kinds of connections are also available upon request.

*2 : The standard stripe lengths of the completed product are 1.0, 1.5, 2.0, 3.0, and 5.0m, but other lengths are available as well.

Conductor Size (mm)	Insulator O.D. (mm)	Cable O.D. (mm)	Estimated mass (kg/km)	Standard stripe length (m)	Sheath color	Package
AWG24 (7/0.2)	1.0	5.5	32	250	Gray, green, blue	Bundle winding