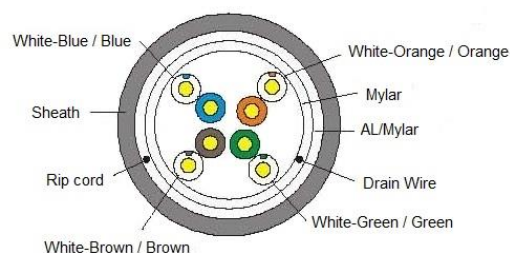


Data Cable 100 Cat 5e / Class D F/UTP AWG24, 4Pairs, FR/PVC Sheath



Applications

Data cable for horizontal cables and Building backbones. Suitable for transmission voice, video and data. Applicable for all ICT network applications 1G bit/s up to 100 MHz frequency.

General Construction

Cat.5e data cable – Compliant with the standards ISO/IEC 11801, IEC 61156-6, EN 50173-1 and EN 50288-2-2. Compatible with all current connecting hardware in accordance with EN 50173 and ISO/IEC 11801.

Outer Jacket material	FR-PVC (complies RoHS).
Outer Jacket material thickness	0.55mm ±0.05 (Average)
Cable Diameter	5.8mm ±0.4
Conductor material	SOLID-Bare Copper
Conductor size	24 AWG (0.5mm ±0.01)
Insulation Material	HDPE
Insulation Material Diameter	0.95 ±0.05
Color code	According to TIA/EIA 568-B
Rip cord	Yes
Drain wire	Yes
Total Number Conductors	8

Sheath Printing

PAMIX 100 CAT 5e / Class D F/UTP 4P AWG24 FR/PVC <Product No.> <Patch No.> <meter numbering>m

Electrical Characteristics at 20°C

Impedance (Ω) 100 ±15 @ 1.0 – 250.0 MHz

Delay Skew (ns/100m) ≤ 45 @ 1.0 – 100.0 MHz

DC Resistance 78 Ω /km @ 20C°

DC Conductor Resistance Unbalance (%) 2.0

Standards

Generic cabling and cabling components standards

- ISO/IEC 11801/ ISO/IEC 11801
- IEC 61156-5
- EN 50173-1/4
- EN 50288-2-1
- TIA-568-C.2
- IEEE 802.3

Standards for flammability, halogen acidity, and smoke performance

- IEC 60332-1-1:2015 (Ed. 1.1) / IEC 60332-1-2:2015 (Ed. 1.1)

Ordering Information

Cable Description	Sheath Color	Article No.
- Data Cable 100 Cat 5e / Class D F/UTP FR/PVC 4P	Blue	1001021
- Data Cable 100 Cat 5e / Class D F/UTP FR/PVC 4P	Red	1001022
- Data Cable 100 Cat 5e / Class D F/UTP FR/PVC 4P	Grey	1001023
- Data Cable 100 Cat 5e / Class D F/UTP FR/PVC 4P	Green	1001024
- Data Cable 100 Cat 5e / Class D F/UTP FR/PVC 4P	Yellow	1001025
- Data Cable 100 Cat 5e / Class D F/UTP FR/PVC 4P	Orange	1001026