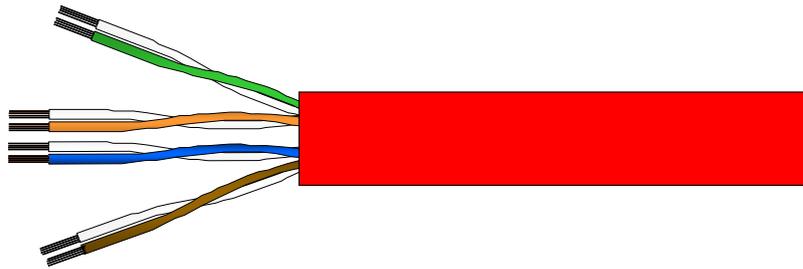
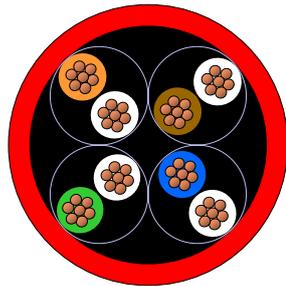


Technical Specification RS 625-6748

Category 5e UTP Patch (AWG 24)



Cabling Application

Structured Cable for Patch & Floor Outlet Installation
Compatible with all Known Connection systems
according to EN50173
Approved by BASEC 067/001/010

Applicable Standards

ISO/IEC 11801 (2002)
EN 50173; EN 50288-3-2
ANSI/TIA/EIA-568-B.2-2001
Fire Propagation Test : UL 1581 VW1;
IEC 60332.1;EN50265-2-1

Cable construction

Conductor	Bare Cu Wire	Outside Diameter of Conductor	(7x0.16) 0.48mm
Insulator Material	PE	Outside Diameter of Insulation	0.80 mm
Number of Twisted Pairs	4	Outside Diameter of Sheath	5.20 mm
Sheath Material	PVC	Weight PVC	30 kg/km
		Sheath Colour (OEM Specified)	Red
		Sheath Printing (up to 24 characters)	As RS Order

Cable Properties

Min. Installation Bend Radius	8 x Dia	Electrical Characteristics @ 20 °C	
Min. Installed Bending Radius	4 x Dia	Characteristic imped. (1-10&20-100Mhz)	100±15 Ω
Max. Installation Tension	100N	Characteristic impedance (10-20Mhz)	100±12 Ω
Max. Installed Tension	Zero	DC Conductor Loop Resistance	30 Ω/100m
Installation Temp. Range Installed	0 to 50°C	Max. Resistance unbalance	≤2%
Operating Temp. Range	-20 to 60°C	Nominal Velocity of Propagation	66%
		Nominal Capacitance	50 pF/m
		Max. Capacitance unbalance	1600 pF/km
		Insulation Resistance (500V)	≥2000 MΩ.km

Packaging

Reel Sizes	4" Fibreboard
Length per Box	50 m
Box Dimensions (LxHxW)	235 x 235 x 99
Weight (approx.)	1.50kg

Impedance

Attenuation & NEXT

