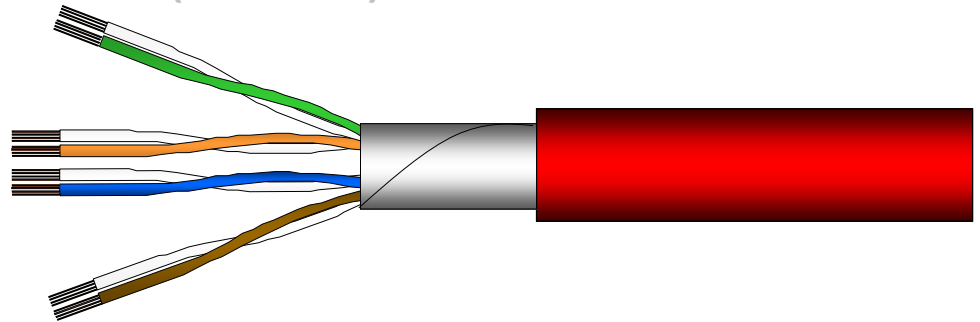
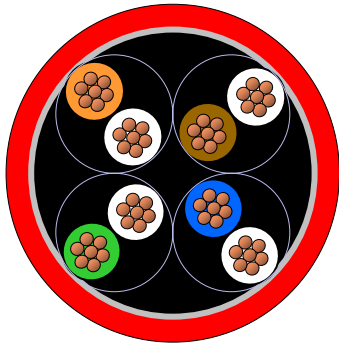


Technical Specification

Draka UK

Category 5e FTP Patch (AWG 26)



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 – 2nd Edition
EN 50173; EN 50288-2-2 2000
ANSI/TIA/EIA-568-B.2.1-2002
Fire Propagation Test : UL 1581 VW1;
IEC 60332.1;EN50265-2-1

Cable construction

Conductor
Insulator Material
Number of Twisted Pairs
Screen Material (Laminated Foil Tape)
Sheath Material

Bare Cu Wire
PE
4
Al/PE
PVC or OHLS

Outside Diameter of Conductor
Outside Diameter of Insulation
Outside Diameter of Sheath
Weight PVC (OHLS)
Sheath Colour (OEM Specified)
Sheath Printing (up to 24 characters)

(7x0.16) 0.48 mm
0.94 mm
5.40 mm
34.8(36.5) kg/km
Various
Batch No. &
Metre marking

Cable Properties

Min. Installation Bend Radius
Min. Installed Bending Radius
Max. Installation Tension
Max. Installed Tension
Installation Temp. Range Installed
Operating Temp. Range

8 x Dia
4 x Dia
100N
Zero
0 to 50°C
-20 to 50°C

Electrical Characteristics @ 20 °C

Characteristic imped. (1-10&20-100Mhz)
Characteristic impedance (10-20Mhz)
DC Conductor Loop Resistance
Max. Resistance unbalance
Nominal Velocity of Propagation
Nominal Capacitance
Max. Capacitance unbalance
Insulation Resistance (500V)

100±15 Ω
100±12 Ω
30 Ω/100m
≤2%
66%
50 pF/m
1600 pF/km
≥2000 MΩ.km

Packaging

Reel Sizes
Length per Reel
Reel Dimensions
Weight (approx.)

	P4	P5
Length per Reel	500m	1000m
Reel Dimensions	Ø400mm	Ø500mm
Weight (approx.)	19kg	38kg

Impedance



Attenuation & NEXT

