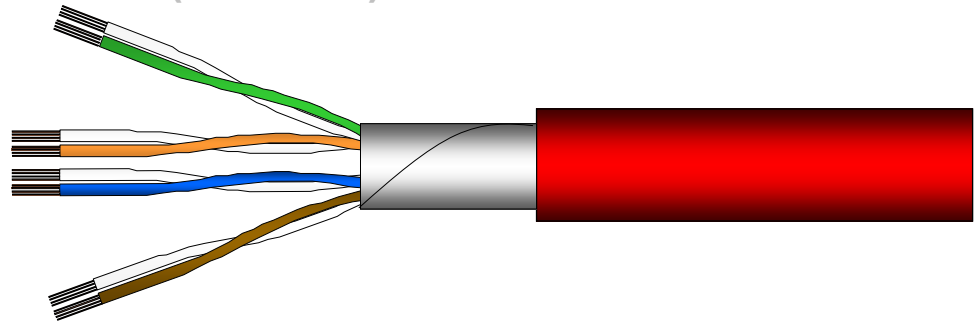
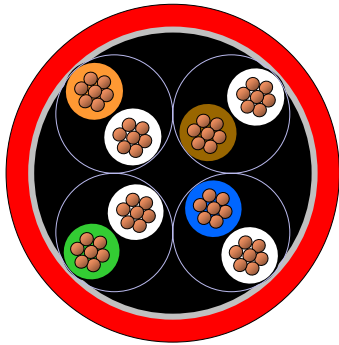


# Technical Specification

# 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 – 2<sup>nd</sup> 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

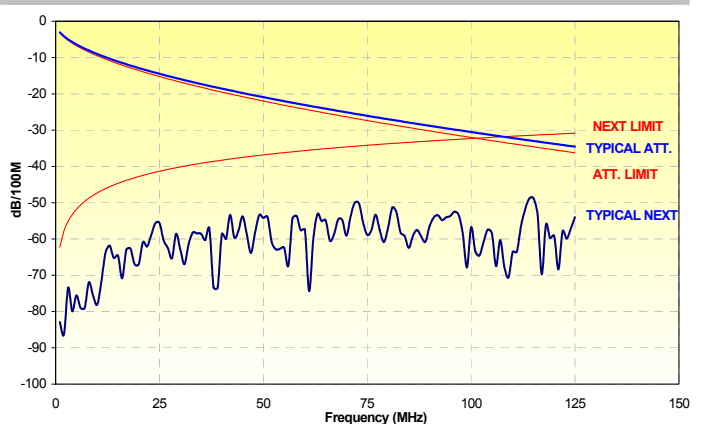
Reel Sizes  
Length per Reel  
Reel Dimensions  
Weight (approx.)

**P4**      **P5**  
**500m**    **1000m**  
**Ø400mm** **Ø500mm**  
**19kg**     **38kg**

### Impedance



### Attenuation & NEXT



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