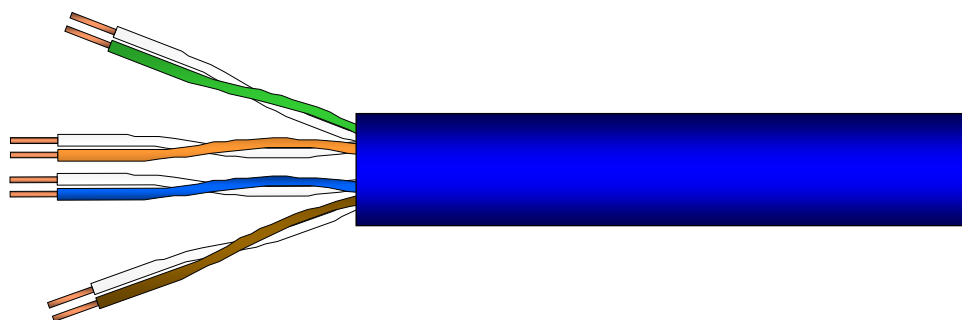
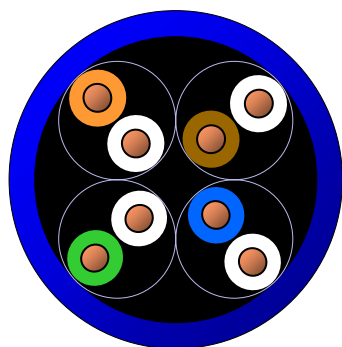


Technical Specification

Draka Comteq
(900131,900132)



Cabling Application

Structured Cable for Campus, Riser & Horizontal 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 50288-3-1
ANSI/TIA/EIA-568-B.2-2001
Fire Propagation Test : UL 1581 VW1;
IEC 60332.1;EN50256-2-1

Cable construction

Conductor
Insulator Material
Number of Twisted Pairs
Sheath Material

Bare Cu Wire
PE
4
PVC or LSOH

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)

0.50 mm
0.90 mm
4.75 mm
27(31) 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 60°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
19 Ω/100m
≤2%
66%
50 pF/m
1600 pF/km
≥2000 MΩ.km

Packaging

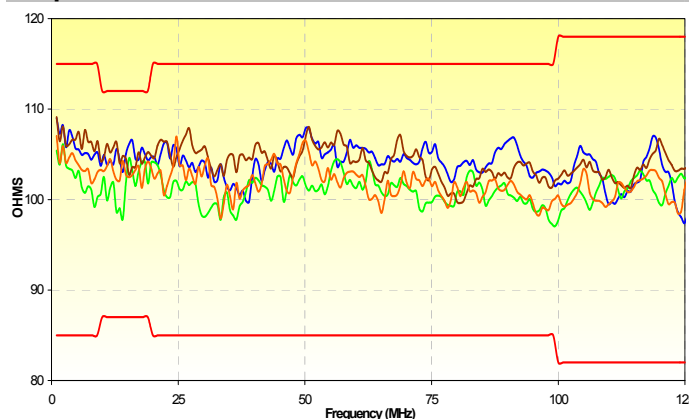
Box Sizes
Length per Box
Box Dimensions (LxHxW)
Weight (approx.)

'Reelex'
305 m
350x350x225mm
10.0 kg

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

P3 **P4**
500m **1000m**
Ø400mm **Ø500mm**
18kg **33kg**

Impedance



Attenuation & NEXT

