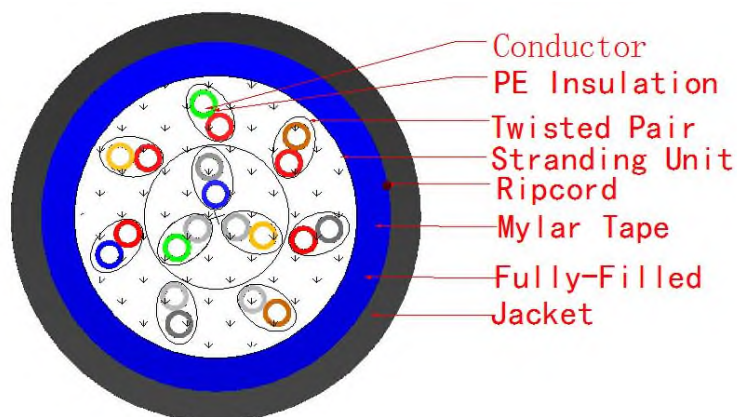


## Draka Category 3 UTP Multipairs PE /JF /PE

### Outdoor Telephone Cable



### Application

Supports up to 100Base-T4, 16MHz frequency range. Suitable for Telephone & Security application.

### Standards

ISO/IEC11801 & TIA-568-B&IEC61156

### Construction

Conductor	25AWG Bare Copper 0.45 ± 0.01mm				
Insulation	Polyethylene (PE) with colour marking on white core.				
Insulation colour code	White/Blue	White/Orange	White/Green	White/Brown	White/Grey
	Red/Blue	Red/Orange	Red/Green	Red/Brown	Red/Grey
	Black/Blue	Black/Orange	Black/Green	Black/Brown	Black/Grey
	Yellow/Blue	Yellow/Orange	Yellow Green	Yellow/Brown	Yellow/Grey
	Violet/Blue	Violet/Orange	Violet/Green	Violet/Brown	Violet/Grey
	The cable core (2 pairs and 5 pairs) excepted shall be wrapped with a continuous protective two tapes, lapped Helically or laid longitudinally				
Water Resistant Compound	Synthetic Jelly Filling Compound				
Shield	None				
Outer sheath/sheath colour	PE(Black)				
Outer diameter	2Pairs				Nom. Ø 4.76+/- 1.0 mm
	5Pairs				Nom. Ø 6.26+/- 1.0 mm
	10Pairs				Nom. Ø 8.77+/- 1.0 mm
	20Pairs				Nom. Ø 11.47+/- 1.0 mm
	25Pairs				Nom. Ø 12.55+/- 1.0 mm
	30Pairs				Nom. Ø 13.94+/- 1.0 mm
	50Pairs				Nom. Ø 17.62+/- 1.0 mm
	100Pairs				Nom. Ø 24.16+/- 1.0 mm
	200Pairs				Nom. Ø 33.14+/- 1.0 mm

## Draka Category 3 UTP Multipairs PE /JF /PE

### Mechanical Properties

Installation Temperature :	-20°C to 50°C		
Bend radius :	15 x O.D.		
Operating temperature:	-20°C to 60°C		
Bulk cable weight:	2Pairs	Nom. 23.1 KG/KM	
	5Pairs	Nom. 43.9 KG/KM	
	10Pairs	Nom. 85.9 KG/KM	
	20Pairs	Nom. 154.1 KG/KM	
	25Pairs	Nom. 187.3 KG/KM	
	30Pairs	Nom. 229.8 KG/KM	
	40Pairs	Nom. 295.3 KG/KM	
	50Pairs	Nom. 371.1 KG/KM	
	100Pairs	Nom. 720.9 KG/KM	
	200Pairs	Nom. 1390.9 KG/KM	
Propagation velocity :	63%		

### Electrical Performance

Max.DC Resistance at 20°C(Ω/km)	117			
Min. Insulation DC Resistance (MΩ.km)	5000			
Dielectric Strength Between Conductor DC ( KV/1min)	1.0			
Conductor Resistance Max. Unbalance 20°C %	5			
Max.Pair Mutual Capacitance at 1Mhz (nF/100m)	6.6			
Max.Pair to Ground Capacitance Unbalance (nF/100m)	160			
Transmission Frequency (MHZ)	4	8	10	16
IL dB/100m	5.6	8.5	9.7	13.1
RLdB/100m	12.0	12.0	12.0	10.0
NEXT dB/100m	32.3	27.8	26.3	23.2
ELFEXT dB/100m	27.0	20.9	19	14.9

### Ordering Information

SAP 1C	UC P/N	Product Description	P.U
TBA	OSJP30245	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 2pr x 0.45mm	500m/drum
TBA	OSJP30545	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 5pr x 0.45mm	500m/drum
TBA	OSJP31045	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 10pr x 0.45mm	500m/drum
TBA	OSJP32045	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 20pr x 0.45mm	500m/drum
TBA	OSJP32545	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 25pr x 0.45mm	500m/drum

## Draka Category 3 UTP Multipairs PE /JF /PE

TBA	OSJP33045	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 30pr x 0.45mm	500m/drum
TBA	OSJP34045	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 40pr x 0.45mm	500m/drum
TBA	OSJP35045	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 50pr x 0.45mm	500m/drum
TBA	OSJP310045	Cat 3 U/UTP, Multipairs, Outdoor, PE/JF/PE, 100pr x 0.45mm	500m/drum

**Marking:**

Marked in 1 meter interval as follows:

DRAKA Cat 3 F/UTP, Multipairs, Outdoor < Part Number > <Pair Qty>P < XX >AWG JF/PE <FC><BATCH CODE> <XXX>M

<BATCHCODE> : Factory defined tracking code MM/YYYY or WW/YYYY

<FC> : Draka defined factory Code

<XX>: denotes conductor size in AWG

<XXX> : Increasing length marking by 1 metre

### Logistic

**Packing:**

Wooden drum.

**Delivery Lengths:**

500m per drum.

### Enquiries

Please contact our local sales office or [mms.asia@prysmiangroup.com](mailto:mms.asia@prysmiangroup.com)

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UC CONNECT for a complete Structure Cabling Solutions with 25 Years System Warranty.

Visit [www.DrakaUC.com](http://www.DrakaUC.com) for more information.

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