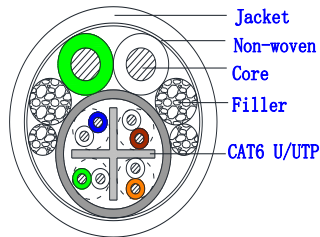


# TECHNICAL DATA SHEET

## Cable Diagram



Description	
Cable Part Code*	YJ72764
Cable Description	4P23AWG U/UTP PVC + 2CX1.5mm <sup>2</sup> PVC PUR
Cable References Standards	ISO/IEC 11801

Conductor		
Conductor Material	Bare copper	Bare copper
Conductor Size	23AWG	1.5mm <sup>2</sup>
Conductor Stranding (No. of Strands/Diameter)	1/0.55mm	30/0.25mm
Conductor Standard	IEC 60228 class 1	IEC 60228 class 5

Insulation		
No. of Cores/Pairs	4 Pairs	2 Cores
Insulation Material	PE	PVC
Nom. Core Diameter (mm)	0.96	2.6
Insulation Color Code & Identification	1.White/Blue & Blue 2.White/Orange & Orange 3.White/Green & Green 4.White/Brown & Brown	Black & White

Inner Jacket/Sheath Material		
Inner Jacket Material	PVC	NA
Nom. Inner Diameter (mm)	6	NA

Outer Jacket/Sheath Material		
Outer Jacket Material		PUR
Nom. Overall Diameter (mm)		11.0

Physical/Mechanical Properties		
Occasional movement Temperature range:		-30°C to +60°C
Fixed installation temperature		0°C to +50°C
Flame / Fire Retardancy		IEC 60332-1

Electrical Properties		
Nominal voltage		72V 24V
Max. Conductor Resistance @ 20°C Ω/KM		95 12.2
Nominal Characteristic Impedance		100 Ohm
Max. Insertion Loss(Attenuation)	1MHz 2.1dB/100m	4MHz 3.8dB/100m
	10MHz 6dB/100m	16MHz 7.6dB/100m
	20MHz 8.5dB/100m	31.2MHz 10.7dB/100m
	62.5MHz 15.5dB/100m	100MHz 19.9dB/100m
	155MHz 25.3dB/100m	200MHz 29.1dB/100m
	250MHz 33dB/100m	Limits below 4MHz are for information only.
The Electrical Characteristics of CAT 6 U/UTP should be test,there is no test data.		

\*Ordering stock code will be created at the time of placing the order and the stock code will include cable part code, outer jacket color & putup length.

Belden Internal Reference Number

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