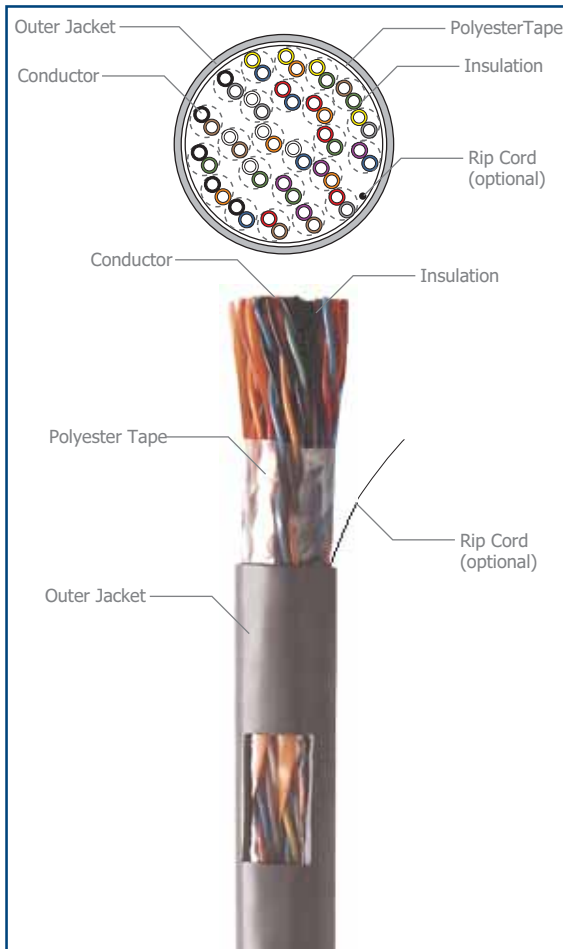


**24PR UTP 24AWG / Part No.: TL-S02405**
**Description**

- Rated temperature: 75°C
- Reference standard: UL Subject 444, EIA/TIA 568B.2 & ISO/IEC 11801
- Solid bare copper conductor
- Colour-coded PE insulation
- PVC or LSZH jacket
- Packaging: Reel in Box

**Application**

- For telecommunication equipment
- For communication and signal control systems

**Product Figure**

**Physical Characteristics**

<b>Structure</b>	<b>Number of Pairs</b>	24 Pair
	<b>AWG</b>	24 AWG
	<b>Conductor Dimension (mm)</b>	0.5
	<b>Solid or Stranded; Bare or Tinned</b>	Solid Bare Copper
<b>Insulation</b>	<b>Insulation material</b>	HDPE
	<b>Insulation Dimension (mm)</b>	0.94
<b>Shield</b>	<b>Individual Shield &amp; Material</b>	No
	<b>Outer Shield &amp; Material</b>	No
	<b>Drain Wire</b>	No
<b>Outer Jacket</b>	<b>Outer Jacket Material</b>	PVC or LSZH
	<b>Outer Jacket Ripcord</b>	Per customer request
	<b>Overall Nominal Diameter (mm)</b>	10.3
<b>Mechanical Characteristics</b>	<b>Operating Temp. Range</b>	-20~75°C

**24AWG Electrical Characteristics**

Frequency (MHz)	Impedance (Ohms)	ATT (dB/100m)	NEXT (dB Min) $\geq 100m$
1	100 $\pm$ 15	$\leq 2.35$	$\geq 56$
4	100 $\pm$ 15	$\leq 4.5$	$\geq 47$
10	100 $\pm$ 15	$\leq 7.2$	$\geq 41$
16	100 $\pm$ 15	$\leq 8.9$	$\geq 38$
20	-	$\leq 10.0$	$\geq 37$

\* Custom configuration is available upon request.

