



# ANIXTER

This drawing and information is copyright to Anixter, therefore information may not be used without written permission from Anixter.

DESIGN -	NOM DIA. mm
<b>Conductor:</b> 23AWG PAC	0.57
<b>Insulation:</b> Polyolefin	0.90
<b>Pairing:</b>	2.04
<b>Lay-up:</b>	5.00
<b>Sheathing:</b> PE Black	6.20

## ELECTRICAL CHARACTERISTICS @ 20 °C

Impedance (1.0 - 250MHz)	$100 \pm 15 \Omega$
Pair-to-Ground Capacitance Unbalance	$\leq 330 \text{ pF/100m}$
Max. Conductor DC Resistance @ 20°C	$95 \Omega/\text{km}$
Resistance Unbalance	$\leq 5\%$

Frequency (Mhz)	Return Loss (Min dB)	Attenuation Max (dB/100m)	NEXT (Min dB)
0.772	19.4	1.8	76.0
10	25.0	6.0	59.3
100	20.1	19.8	44.3
250	17.3	32.8	38.3

## CABLE PROPERTIES

Minimum Installation Bend Radius	8 x Dia.
Minimum Installed Bend Radius	4 x Dia.
Installation Temperature Range - Installed	0 to 50 °C
Operating Temperature Range	-20 to 60 °C
Approximate Weight (kg)	30
Standard Reel Lengths (m)	1000

## CABLE CONSTRUCTION - CAT 6 UTP cable, External Grade.

**Part No:** CM-00424UTP-6-DUCT

**ISSUE No:** 2

**SCALE:** not to scale

**DATE:** 06/07/09