

CN423C6AP

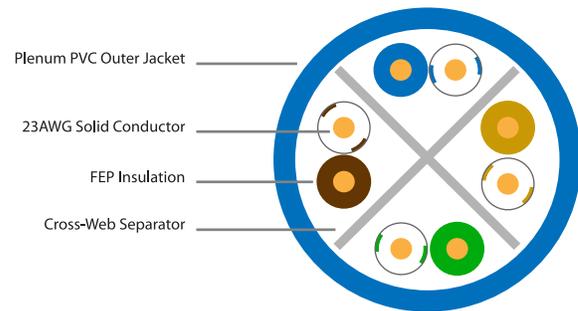
Plenum Rated Category 6A 10G UTP Cable



Part Number: **CN423C6AP**
Description: **Plenum Rated Category 6A 10G UTP Cable**

Materials & Dimensions

Conductors	(8) 23AWG Solid BC (Configured as 4 Pairs)
Insulation	FEP, .009" wall
Insulation Color Code	Pair 1: Blue & White w/ Blue Stripe Pair 2: Orange & White w/ Orange Stripe Pair 3: Green & White w/ Green Stripe Pair 4: Brown & White w/ Brown Stripe
Separator	Cross-Web
Jacket	Plenum PVC
Overall Diameter	.354"



Performance Characteristics

DCR	DCR Unbalance	Characteristic Impedance	Skew	Capacitance	Operating Temperature	Weight	Agency Listing
9.38 Ω/100m	5%	100Ω (+/- 15)	45 ms/100m (max.)	330 pF/100m (pair-to-pair ground unbalanced)	-20°C to 80°C	59 lbs/Mft	ETL listed Type CMP C(ETL) listed FT-6

Frequency (MHz)		1	4	10	16	20	31.25	62.5	100	200	250	400	500
Insertion Loss	max. dB/100m	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	40.1	45.3
Return Loss	min. dB/100m	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.0	17.3	15.9	15.2
NEXT	min. dB/100m	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	35.3	33.8
PS-NEXT	min. dB/100m	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	33.2	31.8
ELFEXT	min. dB/100m	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	15.8	13.8
PS-ELFEXT	min. dB/100m	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	12.8	10.8
PS-ANEXT	min. dB/100m	67.0	67.0	67.0	67.0	67.0	67.0	65.6	62.5	58.0	56.5	53.5	52.0
PS-AELFEXT	min. dB/100m	67.0	66.2	56.2	54.1	52.2	48.3	42.3	38.2	32.2	30.2	26.2	24.2