



4346AF

4 Pair 23AWG F/UTP Cat6A 10G CMR 550MHz - Small OD

Premise Horizontal Cable, Ethernet up to 10GBASE-T, Wi-Fi 6, Wi-Fi 5, Surveillance, HDBaseT, PoE++, PoE+, PoE, Noisy Environments

Replaces: 4246AF

Construction & Dimensions

CONDUCTOR PARAMETERS	
Number Of Pairs	4
AWG Size	23
Conductor Stranding	Solid
Conductor Type	Bare Copper
Nominal DCR	21 Ohm/1000ft
INSULATION PARAMETERS	
Insulation Type	Polyolefin
Insulation Color Code	White & Blue, White & Orange, White & Green, White & Brown
SHIELDING PARAMETERS	
Shield Type	100% Aluminum Foil + Drain Wire - Drain Over the Foil
ELECTRICAL CHARACTERISTICS	
Nominal Impedance	100 Ohm
Nominal Capacitance Between Conductors	16 pF/ft - 45pF/100m

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	
Total Number of Conductors	8
Jacket Type	PVC
Nominal Cable O.D.	.265 in
Plenum	No
NEC UL Rating	CMR, CL3R UL 1666
RoHS Compliant	Yes
ANSI/TIA Category	ANSI/TIA-568.2-D Category 6A
Pull Tension	25 lbs
Bend Radius	1 in
Cable Weight	37 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
Nominal Velocity of Propagation (VP)	70 %
Delay Skew	45 ns/100m
UL Flammability	UL1666 Vertical Shaft
CSA Flammability	FT4
Operating Range	-20 to 75 Deg C
UL Voltage Rating	300



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Related Products

RELATED PRODUCTS	
Plenum Number	254346AF
Jack	KJS458MT-C6ACI or RJ456AS-C6A-24
Modular Plug	CN-MFP8
Modular Plug 2	90170-BI Kit