

Detailed Specification & Technical Data



254346AF

4 Pair 23AWG F/UTP Cat6A 10G CMP - Small OD

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

Replaces: 254246AF

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		Flouropolymer - FEP
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		13 pF/ft

Overall Construction

OVERALL CONSTRUCTION PARAMETERS		-
Total Number of Conductors		8
Jacket Type		Flexible Plenum
Nominal Cable O.D.		.265 in
Plenum		Yes
NEC UL Rating		CMP NFPA262 Plenum
RoHS Compliant		Yes
ANSI/TIA Category		ANSI/TIA-568.2-D Category 6A
TIA Test		Category 6A
Pull Tension		25 lbs
Bend Radius		1.25 in
Cable Weight		37 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS		-
Nominal Velocity of Propagation (VP)		69 %
Delay Skew		45 ns/100m
UL Flammability		NFPA 262 Plenum
CSA Flammability		FT6
Operating Range		-20 to 75 Deg C
UL Voltage Rating		300



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Related Products

RELATED PRODUCTS	
Plenum Number	4346AF
Jack	KJS458MT-C6ACI or RJ456AS-C6A-24
Modular Plug	CN-MFP8
Modular Plug 2	90170-BI Kit