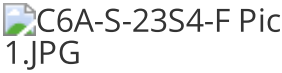




C6A-S-23S4-F
Hybriflex CAT6A Cable; 4 pairs AWG 23 shielded



This range of screened cables are designed to support CAT 6A Link and Channel performance. With internationally defined Physical and Electrical performance up to 500 MHz.

Technical Features

GENERAL SPECIFICATIONS

Shielding Type	Individual Aluminum poly laminate screened pairs and overall tinned copper wire braided cable (25% or 30% TC Braiding) and without tinned copper drain wire
Quantity of Copper Pairs	4
Cross Section of Copper Wire	0.26mm ² (23AWG)
Material of Individual Wire	Annealed bare copper
Material of Outer Jacket	LSZH
Outer Diameter	7.5 mm
Color Code of Individual Wire	White-Blue□Blue ; White-Orange□Orange ; White-Green□Green ; White-Brown□Brown

MECHANICAL SPECIFICATIONS

Maximum Pulling Force	100 N
Minimum Multi Bending Radius	60 mm
Operating Temperature	-40°C to 70°C (-40°F to 158°F)
Cable Weight	0.048kg/m (0.032lb/ft)

ELECTRICAL SPECIFICATIONS

Impedance 1 - 100 MHz	100 Ω
Impedance 100 - 250 MHz	100 Ω
Impedance 250 - 500 MHz	100 Ω

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to 70°C (-40°F to 158°F)
-----------------------	--------------------------------



C6A-S-23S4-F
Hybriflex CAT6A Cable; 4 pairs AWG 23 shielded

TRANSFER PERFORMANCE

Frequency, MHz	Attenuation, dB/100m	NEXT, dB	PSNEXT, dB	Return Loss, dB	Delay, ns/100m	ELFEXT, dB	PSELFEXT, dB	TCL, dB	ELTCTL, dB	PSANEXT, dB
1	2,1	74,3	72,3	20	570	67,8	64,8	40	35	67
4	3,8	65,3	63,3	23	552	55,8	52,8	40	23	67
10	5,9	59,3	57,3	25	545	47,8	44,8	40	15	67
16	7,5	56,2	54,2	25	543	43,7	40,7	38	10,9	67
20	8,4	54,8	52,8	25	542	41,8	38,8	37	9	67
31,25	10,5	51,9	49,9	23,6	540	37,9	34,9	35,1	/	67
62,5	15	47,4	45,4	21,5	539	31,9	28,9	32	/	65,6
100	19,1	44,3	42,3	20,1	538	27,8	24,8	30	/	62,5
200	27,6	39,8	37,8	18	537	21,8	18,8	27	/	58
250	31,1	38,3	36,3	17,3	536	19,8	16,8	26	/	56,5
400	40,1	35,3	33,3	15,9	536	15,8	12,8	24	/	53,5
500	45,3	33,8	31,8	15,2	536	13,8	10,8	23	/	52