Product Specifications

COMMSCOPE®

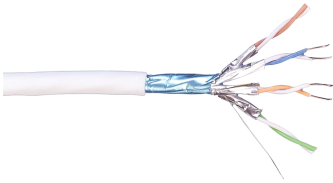## 57893-2

Copper Cable, category 7, 4 pair simplex, S/FTP, LSFRZH, XG, 23 AWG solid, 500 m, white

Product Classification

Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America

Standards And Qualifications

EN50575 CPR Cable EuroClass	Dca | s2 | d1 | a1

Construction Materials

Jacket Material	Low Smoke Fire Retardant Zero Halogen (LSFRZH)
Conductor Material	Bare copper
Insulation Material	Polyolefin
Shield (Tape) Material	Aluminum/Polyester

Dimensions

Cable Length	500 m | 1640 ft
Diameter Over Jacket	7.300 mm | 0.287 in

Electrical Performance

Freq (MHz)	Att Typ.	ACR Typ.	PSNEXT Min.	PSNEXT Typ.	PSELFEXT Min.	RL Min.	RL Typ.
1	2.0	94	75	93	75	20	26
4	3.6	92	75	93	75	23	30
10	5.9	90	75	93	75	25	33
16	7.4	88	75	93	73	25	33
20	8.3	87	75	93	71	25	33
31.25	10	86	75	93	67	25	33
62.5	14	82	72.5	93	61	25	33
100	18	78	69.4	93	57	23	33
200	26	67	64.9	90	51	21	29
250	28	64	63.4	89	49	20	28
300	33	57	62.2	87	47	20	27
450	39	39	59.6	85	44	19	26
600	46	34	57.7	77	36	18	25
750*	52	28	-	75	34	-	24
900*	55	17	-	72	32	-	23
1000*	57	15	-	70	30		20

* For engineering purposes only (data above 600 MHz)

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ANSI/TIA Category	7
Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	15.00 ohms/100 m
Delay Skew, maximum	7 ns
Nominal Velocity of Propagation (NVP)	80 %
Transmission Standards	ANSI/TIA-568-C.2 | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

General Specifications

Cable Type	S/FTP (shielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	White
Brand	NETCONNECT®
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available