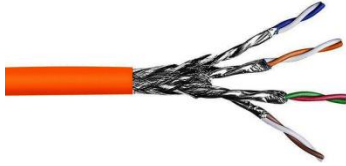


720006

Copper Cable, category 7, 4 pair simplex, S/FTP, LSFRZH, XG, 23 AWG solid, 1000 m, orange



Product Classification

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

General Specifications

ANSI/TIA Category	7
Cable Component Type	Horizontal
Cable Type	S/FTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Orange
Pairs, quantity	4
Transmission Standards	CENELEC EN 50288-4-1 ISO/IEC 11801 Class F

Dimensions

Cable Length	3281 ft 1,000.049 m
Diameter Over Jacket, nominal	0.287 in 7.29 mm
Conductor Gauge, singles	23 AWG

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	15 ohms/100 m 4.572 ohms/100 ft
Delay Skew, maximum	7 ns
Nominal Velocity of Propagation (NVP)	80 %

720006

Operating Voltage, maximum

80 V

Electrical Performance

Freq (MHz)	Att	ACR	PSNEXT		PSELFEXT	RL	
	Typ.	Typ.	Min.	Typ.	Min.	Min.	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)

Material Specifications

Conductor Material

Bare copper

Insulation Material

Polyolefin

Jacket Material

Low Smoke Fire Retardant Zero Halogen (LSFRZH)

Shield (Tape) Material

Aluminum/Polyester

Environmental Specifications

Installation temperature

0 °C to +50 °C (+32 °F to +122 °F)

720006

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)
EN50575 CPR Cable EuroClass Dca | a1 | d1 | s2

Packaging and Weights

Packaging Type Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.litangcables.com/ProductCompliance
ROHS	Compliant

