



Features

- Construction: F/UTP
- Conductor: 24 AWG, Solid-Bare Copper
- Standard: ISO/IEC11801, TIA-568-C.2
- ISO9001 Certified Manufacturing Plant



Specifications

Model		CSEFSG_LSZH
Construction		F/UTP
Conductor	Material	Solid-Bare Copper
	Nom.O.D.	0.500 ± 0.005 mm
Insulation	Material & Diameter	HDPE (1.00 ± 0.05 mm)
Screening Material		Mylar+AL/Mylar
Sheath	Thickness	0.55 ± 0.05 mm
	External O.D.	6.2 ± 0.4 mm
	Material	LSZH (Complies RoHS)
Rip-cord		Yes
Drain Wire		Yes
Sheath Physical Properties (Before Aging)	Tensile Strength	≥ 10.0 Mpa
	Elongation	≥ 125 %
	Aging Period	100 °C x 24h x 7d
Sheath Physical Properties (After Aging)	Tensile Strength	≥ 8 Mpa
	Elongation	≥ 100 %
	Cold Bend	-20 ± 2 °C x 4h, 8 x Cable O.D., No visible cracks
Electrical Characteristics (20°C)	Impedance	1.0-100.0MHz: 100 Ω ± 15 Ω
	Delay Skew	1.0-100.0MHz: ≤ 45 ns / 100 m
	Unbalanced-to-ground capacitance	Max. 330 pf / 100 m
	DC Resistance	Max. 9.5 Ω / 100 m
	DC Conductor Resistance Unbalance	Max. 5.0 %
Length		305 M

Construction (F/UTP)

4 Twisted Pair Cable

White-Blue/Blue
White-Orange/Orange
White-Green/Green
White-Brown/Brown

Sheath
Rip-cord
Mylar
AL/Mylar
Drain wire

Pair Identification

Pair 1	White-Blue / Blue
Pair 2	White-Orange / Orange
Pair 3	White-Green / Green
Pair 4	White-Brown / Brown

	Frequency (MHz)	Return Loss (≥dB)	Attenuation (≤dB)	NEXT (≥dB)	PHASE DELAY (≤ns)	PSNEXT (≥dB)	ELFEXT (≥dB)	PSELFEXT (≥dB)
Electric Performance	1	20.0	2.0	65.3	570.00	62.3	63.8	60.8
	4	23.0	4.1	56.3	552.00	53.3	51.8	48.8
	8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
	10	25.0	6.5	50.3	545.38	47.3	43.8	40.8
	16	25.0	8.2	47.2	543.00	44.4	39.7	36.7
	20	25.0	9.3	45.8	542.05	42.8	37.8	34.8
	25	24.3	10.4	44.3	541.20	41.3	35.8	32.8
	31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
	62.5	21.5	17.0	38.4	538.55	35.4	27.9	24.9
	100	20.1	22.0	35.3	537.60	32.3	23.8	20.8

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.