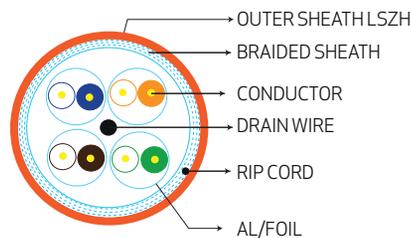


# CAT.7 S/FTP 4 PAIRS CABLE-23AWG -ORANGE-LSZH

PART NO:R11885ENH

DESCRIPTION:RAMCRO CAT7 S/FTP TIA/EIA 568 4PAIR 23AWG CABLE - LSZH - ORANGE



## Construction

Conductor	: Solid Bare Copper
Size	: 23 AWG X 4P
Construction	: 1/0.57±0.005mm
Insulation Material	: Skin-Foam-Skin PE
AVG.Thickness	: 0.360mm
Diameter	: 1.35 ± 0.01mm
Number of Pairs	: 4
Pair Identification	: Blue-Blue/White, Orange-Orange/White, Green-Green/White, Brown-Brown/White
Jacket Material	: Low Smoke Zero Halogen (LSZH)
Jacket AVG.Thickness	: 0.70mm
Jacket Diameter	: 7.8 ± 0.4
Rip Cord	: Nylon
Shield Material	: Aluminum Foil each pair
Drain wire	: Tinned copper
Braid Material	: Tinned copper
Sheath Colour	: RAL2003
Bend radius	: 20 x cable diameter

## Electrical & Physical Characteristics

Operating Temperature Range	: -15°C to +70°C
Insulation Resistance @ 20°C	: > 200 MOhm*Km
Test Voltage Core-Core	: 1500 V
Test Voltage Core-Screen	: 1500 V
Mutual Capacitance	: 5.6nF/100m
Operating Voltage	: 300 V

## Standards

- TIA/EIA 568-C.2 and ISO/IEC 11801 Ed2
- EU RoHS 2011/65 EU Compliant

## Application

- Lan Cabling

## Transmission Performance

Frequency (MHz)	ZIN (dB/100m)	RETURN LOSS (dB)	ATT (dB)	NEXT (ns/100m)	MAX. PSNEXT (dB)	MIN. ELFEXT (dB)	MIN.PSELFEXT (dB)
1	100 ± 15	20.0	2.0	80	75	78	75
4	100 ± 15	23.0	3.7	80	75	78	75
10	100 ± 15	25.0	5.9	80	75	74	71
16	100 ± 15	25.0	7.4	80	75	70	67
20	100 ± 15	25.0	8.3	80	75	68	65
31.25	100 ± 15	23.6	10.4	80	75	64	61
62.5	100 ± 15	21.5	14.9	75.5	72.5	58	55
100	100 ± 15	20.1	19.0	72.4	69.4	64	51
200	100 ± 25	17.3	27.5	67.9	64.9	48	45
250	100 ± 25	17.3	31.0	66.5	63.5	46	43
300	100 ± 25	17.3	34.2	61.9	62.2	40	37
600	100 ± 25	17.3	50.1	60.8	57.7	38	35