

# 32x2x26AWG 100 Ohm LSZH

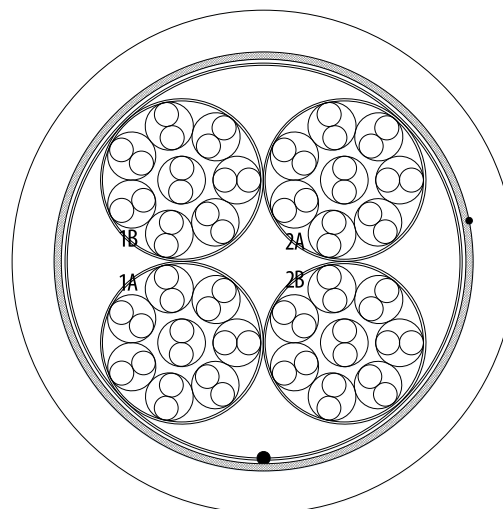


PRODUCT DATA SHEET

**Design Number** 10360  
**Part Number** 32140385  
**Customer Number** N/A

## CONSTRUCTION

**Conductor:** Solid bare copper  
**Conductor Size:** 26AWG(1/0.40mm)  
**Insulation:** Polyethylene  
**Insulation Diameter:** 0.70mm(Nom.)  
**Tape:** Identification color binder (for each 8 pairs)  
**Overall Separator:** Mylar  
**Overall Screen:** Al-mylar  
**Drain Wire:** 26AWG, Tinned Copper  
**Braid:** 38AWG, Tinned Copper, coverage nom 60%  
**Jacket Material:** LSZH (IEC60332-3C)  
**Rip Cord:** Nylon  
**Overall Diameter:** 10.60±0.40mm  
**Jacket Color:** Grey(RAL7001)  
**Print Legend:** ASCENT 10360 E478021 KC (UL) CMR 32-PAIR 26AWG 75°C LSZH YYWW +001M.....



## ELECTRICAL CHARACTERISTICS

**Operating Voltage:** 300V  
**Conductor Resistance@20°C:** 145 Ω/km Max  
**Resistance Difference@20°C:** 5%  
**Insulation Resistance@20°C:** 5 GΩ.km Min  
**Characteristic Impedance:** 100±15 Ohm(1-8MHz)  
**Mutual Capacitance :** Nom. 56 nF/km@1kHz  
**Test Voltage (wire/wire/screen 50Hz 1min):** 1500 V AC  
**Test Voltage (wire/wire/screen 1min):** 2500 V DC  
**Net Weight:** Approx. 160kg/km

Frequency (MHz)	1	2	8
Attenuation typ.(dB/100m)	2.7	3.8	7.7
Near-end crosstalk typ.(dB)	56	51	42
ELFext (dB)	53		

## MECHANICAL CHARACTERISTICS

**Rated Temperature:** -40°C: to 75°C  
**Flame retardant:** Acc. to IEC 60332-3-24(Cat. C) , UL 1666(Riser) (CMR)  
**Determination of the amount of halogen acid gas:** Acc. IEC 60754-1  
**Smoke-density:** Acc. to IEC 61034-1/2 min 50% light transmittance  
**RoHS Compliant**

### Color Table

Unit No.	Cabling		Colour of core		Binder Color	Unit No.	Cabling		Colour of core		Binder Color
	Element No.	A-core	B-core	Element No.			A-core	B-core			
1A	1	White	Blue	Blue	1B	11	Black	Blue	Blue		
	2	White	Orange			12	Black	Orange			
	3	White	Green			13	Black	Green			
	4	White	Brown			14	Black	Brown			
	6	Red	Blue			16	Yellow	Blue			
	7	Red	Orange			17	Yellow	Orange			
	8	Red	Green			18	Yellow	Green			
	9	Red	Brown			19	Yellow	Brown			
	2A	21-24	See unit 1A			Orange	2B	31-34		See unit 1B	
26-29				36-39							

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Revision History		
00	2020/08/11	Initial release
01	2020/10/22	Add operating voltage, marking, flame, weight etc.
02	2020/11/02	Add Attenuation, Near-end crosstalk, ELFext etc.
03	2020/11/24	Add Part Number
Created	L. Jian	Approved A. Huang

**Bristol** | Unit 61, Gazelle Rd., Weston Industrial Estate, Weston-super-Mare, North Somerset BS24 9ES UK

**Frankfurt** | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf

**Milwaukee** | 5001 South Towne Dr. New Berlin, WI 53151 USA

**Suzhou** | B2-2 Weiting Town Industrial - Workshop A, No. 9 Weixin Rd., Suzhou Industrial Park, Jiangsu, China 215122

