

## Lan Cables

Xtra-cab is a leading manufacturer of LAN cables, known for its state-of-the-art production facility featuring advanced German machinery.

The company takes pride in its rigorous testing procedures, which ensure that its products meet the highest standards of quality and durability. Xtra-cab's LAN cables are designed to provide reliable, high-speed data transmission and meet or exceed industry standards set by TIA/EIA-568.2-D.

In addition to its standard LAN cables, the company also offers custom-built wires and cables and has established itself as a preferred supplier to many well-known OEMs and automotive component manufacturers globally. Xtra-cab is a leading manufacturer of LAN cables, known for its state-of-the-art production facility featuring advanced German machinery.

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### Construction of Lan Cable:



### Range / Ordering Code:

Category	AWG	Type	Sheath Color	Length/Packing
Cat 5E - 5E	24	Unshielded Cable with Untwisted pair UUTP	Blue - BL	305 Mtrs Reelex - A
Cat 6 - S6	23	Foil shielded cable with	Grey - GY	305 Mtrs Reel In - B
	24	Unshielded twisted pair FUTP		
Cat 6A - 6At	23	Unshielded cable with Foil shielded twisted pair UFTP	Orange - OR	100 Mtrs Coil - C
Cat 7 - S7	23	Shielded cable with Foil shielded twisted pair SFTP	Green - GR	500 Mtrs Drum - D
Cat 7A - 7A	23	—	Black - BK	1000 Mtrs Drum - E

## TRANSMISSION CHARACTERISTICS

Frequency MHz	Frequency Insertion Loss dB/100m Max	Frequency Return Loss RL dB min	Frequency NEXT dB Min	Frequency PS NEXT dB Min	Frequency ELNEXT ACRF dB/100m Min	Frequency PS ELNEXT ACRF dB/100m Min	Frequency Propagation Delay ns/100m Max
1	2.0	20.0	65.3	62.3	63.8	60.8	570
4	4.1	23.0	56.3	53.3	51.8	48.8	552
8	5.8	24.5	51.8	48.8	45.7	42.7	547
10	6.5	25.0	50.3	47.3	43.8	40.8	545
16	8.2	25.0	47.2	44.2	39.7	36.7	543
20	9.3	25.0	45.8	42.8	37.8	34.8	542
25	10.4	24.3	44.3	41.3	35.8	32.8	541
31.25	11.7	23.6	42.9	39.9	33.9	30.9	540
62.5	17.00	21.5	38.4	35.4	27.9	24.9	539
100	22.00	20.1	35.3	32.3	23.8	20.8	538

### Features & Advantages

- Versatile HDPE Insulation - ( Solid, Skin-Foam-Skin )
- Insulation Physical foam technology and Max foaming 60% ( Based on product )
- Online monitoring of Insulation for consistent quality
- High accuracy Lay Length and Low Noise level
- Cables supports upto 250 MHz Frequency
- ANSI / TIA colour code
- Compliant with ISO / IEC 11 801, EN 50173 and ANSI / TIA 568 standards
- Products Conforming to the new CPR regulations
- Automatic LF / HF measuring system - fitted with ultra-reliable relays for fastest & most consistent Quality