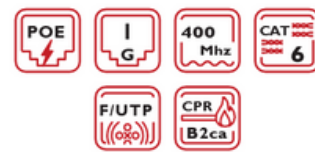


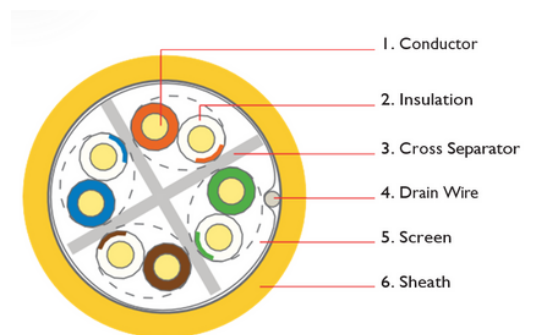
Aurora ANC-6F/UTP-R Network Cable

This data cable range is designed for analogue and digital signal transmission in audio, video and data applications in data communication systems supporting 250 MHz, 1.0 Gbit/s 1 Gigabit Ethernet. Cables meet the requirements of structural cabling standards including ANSI EIA/TIA 568, ISO/IEC 11801 and EN 50173 Class E.



CABLE CONSTRUCTION

1. Conductor	Electrolytic Copper Wire	Ø 23AWG
2. Insulation	High-Density Polyethylene	HDPE, TIA 568 EN 50290-2-23
3. Cross Separator	Polyethylene	PE
4. Drain Wire	Tinned Copper Drain Wire	Ø 26AWG
5. Cable Screen	Al-Pet Tape	100% Coverage
6. Outer Sheath	LSZH/LSOH - RAL 1018 Ø 7.2 mm, 70°C	EN 50290-2-27
	PVC - RAL 7001 Ø 7.2 mm, 70°C	TM51 EN 50290-2-22
	PE - RAL 9011 Ø 7.2 mm, 80°C	EN 50290-2-24



SPECIFICATIONS

Min. Bending Radius	installation operation	8 x D 4 x D
Max. Tensile Strength		100 N
Temperature Range	installation operation	0°C to +50°C -20°C to +60°C
Reaction to Fire (Euro-Class)		B2ca s1a d1 a1
Operating Frequency		400 MHz
Conductor Resistance		85 Ω/km
Copper Conductor Diameter		AWG 23
Nominal Velocity of Propagation (NVP)		67-69 %

Cable List

ANC-6F/UTP-LSZH LSZH Cat 6 F/UTP 4x2x23AWG
 ANC-6F/UTP-PVC PVC Cat 6 F/UTP 4x2x23AWG
 ANC-6F/UTP-PE PE Cat 6 F/UTP 4x2x23AWG