

Industrial Cat7



Indoor



Fire Resistant



Technical data

- **Temperature range(°C):** -40 to 80
- **Velocity ratio(%):** 66
- **Characteristic impedance:**
(From 1 to 100 MHz)100±15 Ohm
(From 100 to 600 MHz)100±20 Ohm
- **Bending radius (min.):**8 x cable diameter
- **Flame retardancy:** IEC 60332-1

Standards and performances

- EN 50288-4-1
- IEC 61156-5
- EN 50173 Edition 2 – CLASS F
- ISO 11801 Edition 2 – CLASS F

Construction

Conductor	BC (AWG 23/1)
Insulation	Foam-skin-PE
Stranding element	Double core
Screen :	Individual Al-PET and TC braiding
Outer jacket (dia.mm)	PUR 8.2
No. of pairs	4

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)
10 MHz	5.60	100.0	94.4
16 MHz	7.10	100.0	92.9
62.5 MHz	13.9	96.0	82.1
100 MHz	17.5	94.0	76.5
200 MHz	25.2	88.0	62.8
300 MHz	32.1	84.0	51.9
600 MHz	44.9	73.0	28.1