

## Industrial Cat7 Stranded



### 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

<b>Conductor</b>	BC (AWG 26/7)
<b>Insulation</b>	Foam-skin-PE
<b>Stranding element</b>	Double core
Screen :	Individual Al-PET and TC braiding
<b>Outer jacket</b> (dia.mm)	PUR 6.4
<b>No. of pairs</b>	4

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)
10 MHz	0.8	80.0	79.2
16 MHz	1.1	80.0	78.9
62.5 MHz	2.2	75.0	72.8
100 MHz	2.8	72.0	69.2
200 MHz	4.0	68.0	64.0
600 MHz	7.4	61.0	53.6