

ACOTEL - Copper

High speed cable for transmission & switching equipment

L907 - 10P - 5/10



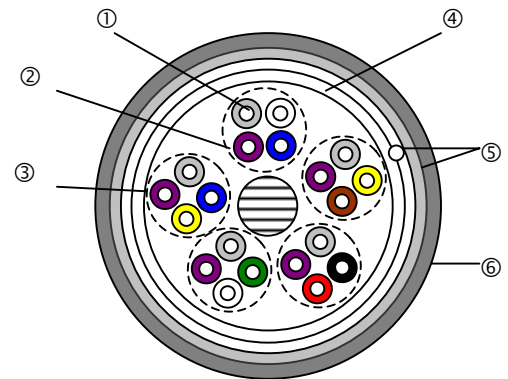
ADSL offer



Description :

- ① Conductors : Red copper wire 5/10
- ② Insulation : Foam skin Pe, nominal diameter 0,98 mm
- ③ General assembly : "star" quad

<u>Color code</u>	:	Grey + White + Violet + Blue
		Grey + Yellow + Violet + Brown
		Grey + Black + Violet + Red
		Grey + Green + Violet + White
		Grey + Blue + Violet + Yellow
- ④ Cable : 1 filler + 5 quads covered with a synthetic water-repellent tape.
- ⑤ Shield : Alu/polyester tape, alu outside
Tinned copper continuity wire 5/10
Tinned copper braid, coverage $\geq 30\%$
- ⑥ Protection : Low content halogen PVC sheath, grey color



Marking on outer jacket :

ACOME 0215 RX Se(2ch)An(2ch) L907 10 5 NF Reseau COM 100MHz + metric

Electrical characteristics at 20°C :

- Conductor resistance (Ω /km) : $\leq 95,9$
- Insulation resistance ($M\Omega$.km) : > 5000
- Dielectric strength : 1,5 KV DC between elements and elements
1,5 KV DC between elements and screens
- Capacitance unbalance – Pair to ground : 1000 pF/1000 meters
- Characteristic impedance : $120 \pm 15 \Omega$ to 1 at 100 MHz
- Transfert impedance : $\leq 35 m\Omega/m$ at 30 MHz
- Far-end cross talk attenuation at 1 MHz/100 m : > 60 dB

Mechanical characteristics :

ACOME Ref.	Number of pairs	Type of jacket	Color of jacket	Conductor \varnothing (mm)	Insulation \varnothing (mm)	Cable \varnothing Nominal (mm)	Weight of cable (kg/km)	Min. laying Bending radius (mm)
M3848	10P	PVC	GREY	0,500	0,98	8,60	98	55

Delivery length : 1000 m on drum XL ; 500 m on drum KL

Frequency [MHz]		0,064	0,512	1	4	10	20	62,5	100
Attenuat. max. [dB/100 m]	Specif. FT	$\leq 1,20$	$\leq 1,60$	$\leq 2,00$	$\leq 3,70$	$\leq 5,90$	$\leq 8,30$	$\leq 14,9$	$\leq 19,0$
Min. Next [dB]	Specif. FT			≥ 62	≥ 53	≥ 47	$\geq 42,5$	≥ 35	≥ 32

Reference :

ST/CNET/6323
pr NFC 93531-10