

ACOTEL - Copper

High speed cable for transmission & switching equipment

L907 - 32P - 5/10



ADSL offer

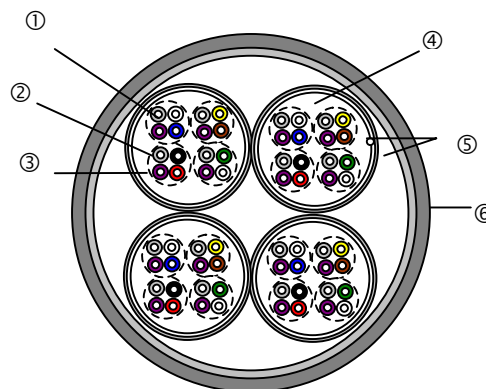


Description :

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

Quad	N°	1	2	3	4
Paire 1	Wire 1	Grey	Grey	Grey	Grey
	Wire 2	White	Yellow	Black	Green
Paire 2	Wire 1	Violet	Violet	Violet	Violet
	Wire 2	Blue	Brown	Red	White

- ④ Cable : 32 pairs setting out in 4x4 quads
- ⑤ Shield : Alu/polyester tape, alu outside on each cable assembly of 4/4
Tinned copper continuity wire 5/10
Tinned copper braid, coverage $\geq 30\%$
on cable assembly kit of 4/4
- ⑥ Protection : Low content halogen PVC sheath, grey color



Marking on outer jacket :

ACOME 0215 RX Se(2ch)An(2ch) L907 32 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 :	$120 \pm 15 \Omega$ at 1 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)
R7155	32P	PVC	GREY	0,500	0,98	15,80	264	100

Delivery length : 1000 m on drum DC ; 500 m on drum BC

Frequency [MHz]		0,064	0,512	1	4	10	62,5	100
Attenuat. Max. [dB/100 m]	Specif. FT	$\leq 1,20$	$\leq 1,60$	$\leq 2,00$	$\leq 3,70$	$\leq 5,90$	$\leq 14,9$	$\leq 19,0$
Min. Next [dB]	Specif. FT			≥ 56	≥ 47	≥ 41	≥ 29	-

Reference :

ST/CNET/6323
Pr NFC 93531-10