ACOTEL - *Copper*

High speed cable for transmission & switching equipment

L907 - 8P - 5/10

ADSL offer

Description :

① Conductors : Red copper wire 5/10

② Insulation : Foam skin Pe, nominal diameter 0,98 mm

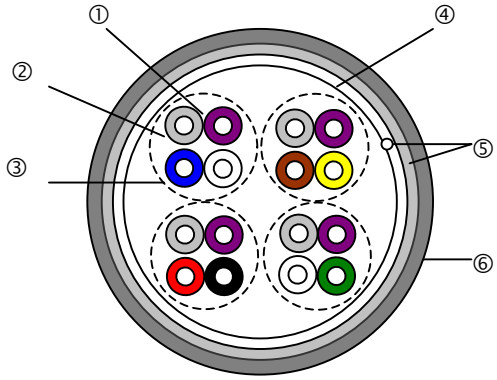
③ General assembly : "star" quad

Color code quad : Grey - White + Violet - Blue
Grey - Yellow + Violet - Brown
Grey - Black + Violet - Red
Grey - Green + Violet - White

④ Cable : 4 quads covered with a synthetic water-repellent tape.

⑤ Shield : Alu/polyester tape, alu outerside
Tinned copper continuity wire 5/10
Tinned copper braid, Coverage ≥ 30 %

⑥ Protection : Low content halogen PVC sheath, grey color



Marking on outer jacket :
ACOME 0215 RX Se(2ch)An(2ch) L907 8 5 NF Reseau COM 100MHz + metric

Electrical characteristics at 20°C :

Conductor resistance (**Ω**/km) :	≤ 95,9
Insulation resistance (MΩ.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 ± 15 Ω to 1 at 100 MHz
Transfert impedance:	≤ 35 mΩ/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 ∅ (mm)	Insulation ∅ (mm)	Cable ∅ nominal (mm)	Weight of cable (kg/km)	Min. laying Bending radius (mm)
M3847	8P	PVC	Grey	0,500	0,98	7,80	81	50

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	≤1,20	≤1,60	≤2,00	≤3,70	≤5,90	≤8,30	≤14,9	≤19,0
Min. Next [dB]	Specif. FT			≥62	≥53	≥47	≥42,5	≥35	≥32

Reference :
ST/CNET/6323
Pr NFC 93531-10

In order to improve production performances, ACOME reserves the possibility to modify present characteristics without previous notice.

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