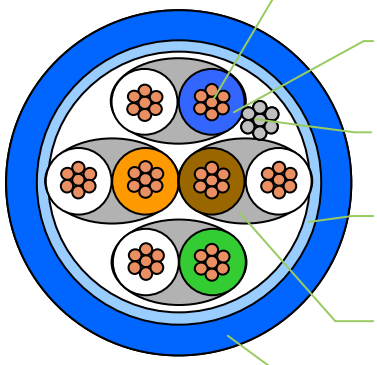
REF : TX 200 P4 FPy

100 Ω U/FTP category 6 patch Cable- 250 MHz - PVC

MULTIMEDIA RESEAUX / VDI CONNECT

Ed. 1.1
11/08



CONDUCTOR :
Stranded red copper
AWG 26/7

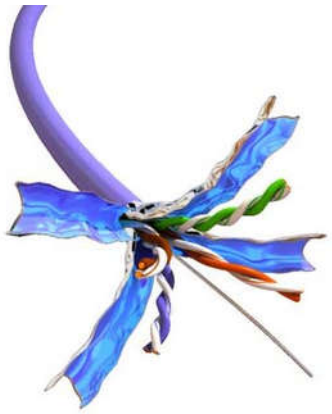
INSULATION :
PE

DRAIN WIRE :
Stranded tinned copper AWG 27/7

SYNTHETIC SEPARATION & RIP CORD

PAIR TO PAIR SHIELDING :
Aluminium/Polyester blue tape
Coverage 110%

OUTER JACKET :
PVC



INFORMATIONS PRODUIT

Application

This pair to pair shielded U/FTP cable is used for the manufacture of patch cord, it constitutes the prolongation of a V.D.I. (Voice-Data-Image) network to high bit rate.

Its performances exceed the limits imposed by the current standards, it constitutes an investment for the future network applications.

This cable is used for the transmission of digital and analogue voice, Data and Video signals.

Standards / Performances

Performances of TX200P4FPy cable comply with the limits defined by the following standards:

CABLE	SYSTEM
IEC 61156-5 **EN 50288-5-2**	**EIA/TIA 568-B.2-1 Category 6** **ISO 11801 Edition 2 – CLASSE E** **EN 50173 Edition 2 – CLASSE E**

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Electrical properties

Max. linear resistance :	**≤ 154 Ω / Km**
Mutual capacity (nom.) :	**42 pF / m**
Characteristic impedance from 1 to 100 MHz : from 100 MHz to 250 MHz:	 **100 +/- 15 Ω** **100 +/- 20 Ω**
Velocity of propagation	**66 %**

Characteristics



Fire behaviour : **IEC 60332-1 / NF C 32070 C2**



Operating temperature : **- 20° C / + 70°C**



Minimum bending radius: **8 x cable diameter**



Conform to RoHS directive

Values

MEASUREMENTS (MHz)	ATTENUATION (dB/100 m)		NEXT (dB/100 m)		PS NEXT (dB/100 m)		RETURN LOSS (dB/100 m)	
	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C
1	3.0	**2.8**	74.3	**80.0**	72.3	**82.0**	20.0	**25.0**
4	6.0	**5.6**	65.3	**76.0**	63.3	**78.0**	23.0	**28.0**
10	9.0	**8.7**	59.3	**68.0**	57.3	**70.0**	25.0	**29.0**
16	11.0	**10.2**	56.2	**64.0**	54.2	**66.0**	25.0	**29.0**
20	13.0	**12.0**	53.3	**62.0**	51.3	**64.0**	24.2	**28.4**
31.25	16.0	**14.9**	51.9	**62.0**	49.9	**64.0**	23.3	**26.4**
100	30.0	**27.8**	44.3	**60.0**	42.3	**62.0**	19.0	**22.0**
200	44.0	**41.2**	39.8	**58.0**	37.8	**60.0**	16.4	**19.0**
250	49.0	**46.9**	38.3	**56.0**	36.3	**58.0**	15.6	**17.8**

Standard : Values from IEC 61156-5& EN50288-5-1
The installation & environmental requirements can modify the values above.
Multimedia Connect reserves the right to modify the present characteristics without preliminary notification

Ordering informations

REF.	Colour	[X]xAWG	mm+/-10% ext.	Kg/Km	
TX 200 P4 FP	Dark Blue	26	5.6	42	T 1000 m
TX 200 P4 FP G	Grey	26	5.6	42	T 1000 m
TX 200 P4 FP J	Yellow	26	5.6	42	T 1000 m
TX 200 P4 FP R	Red	26	5.6	42	T 1000 m
TX 200 P4 FP V	Green	26	5.6	42	T 1000 m

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