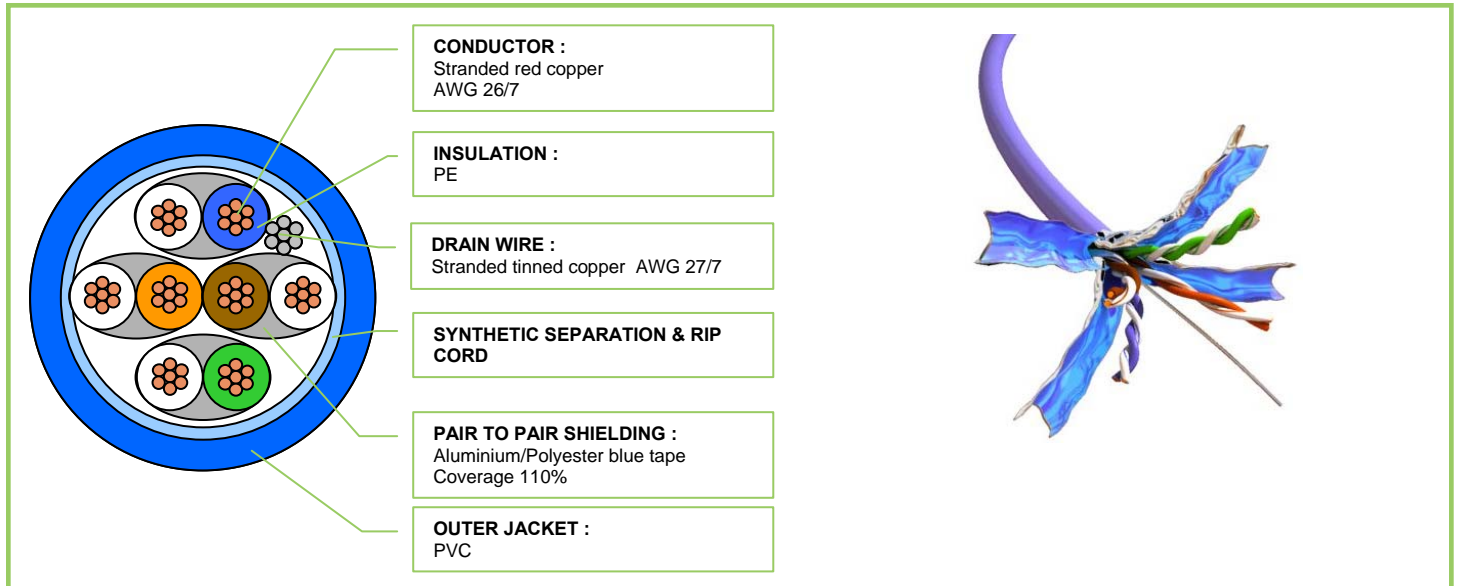


# REF : TX 200 P4 FPy

100 Ω U/FTP category 6 patch Cable- 250 MHz - 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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MULTIMEDIA  
RESEAUX / VDI  
CONNECT

Ed. 1.1

11/08

## Electrical properties

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

	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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