

# Screened FTP Cat 7A LSZH Cable 1,200MHz

pro-POWER

RoHS  
Compliant



## Application:

Horizontal Wiring in LAN

## Multi-Construction

: 4 Pair

## Cable Construction

Conductor : Solid Bare Copper

Conductor Area CSA : 0.32mm<sup>2</sup>

Wire Size AWG : 22

Construction : 0.62 ±0.01

Standard Dia.(mm) : 0.62

## Insulation

: Skin - Foam - Skin

Average Thickness : 0.4

Insulation Dia.(mm) : 1.45 ±0.1 × 2C Twist

Al-Pet shield(on each pair, Al outward) : ≥115%

Braiding Shield : Tin-Plated Copper Wire

Construction : 0.12 ±0.003 × 8 × 6

## Jacket

Jacket Material : Low Smoke Zero Halogen (LSZH)  
Flame Retardant Polyethylene

Thickness(mm) : 0.7

Dia.(mm) : 8.2 ±0.3

Jacket Colour : Yellow

## Colour

### Insulation colour are

: Blue, White/Blue  
Orange, White/Orange  
Green, White/Green  
Brown, White/Brown

## Characteristics

Max. Conductor DC Resistance at 20°C (Ω/Km) : <66.6

Rated Temperature(°C) : 70

Velocity ratio : 78%

Impedance(Ω) : 1-100MHz 100 ±15

100-250MHz 100 ±20

250-500MHz 100 ±25

500-1,000MHz 100 ±30

1,000-1,200MHz 100 ±32

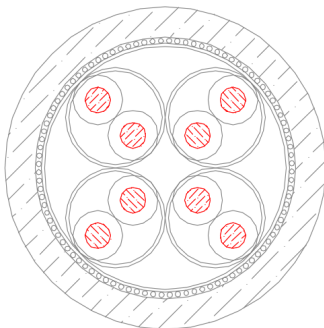
# Screened FTP Cat 7A LSZH Cable 1,200MHz

pro-POWER

## Performance:

Frequency (MHz)	Attenuation (dB)	NEXT (dB)	PS NEXT (dB)	Return loss (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	2.1	78	75	20	78	75
4	3.7	78	75	23	78	75
10	5.8	78	75	25	75.3	72.3
16	7.3	78	75	25	71.2	68.2
31.25	10.3	78	75	23.6	65.4	62.4
62.5	14.6	78	75	21.5	59.4	56.4
100	18.5	75.4	72.4	20.1	55.3	52.3
250	29.7	69.4	66.4	17.3	47.3	44.3
500	42.8	64.9	61.9	17.3	41.3	38.3
600	47.1	63.7	60.7	17.3	39.7	36.7
900	58.5	61.1	58.1	15.5	36.2	33.2
1,000	61.9	60.4	57.4	15.1	35.3	32.3
1,200	68.4	59.2	56.2	14.3	33.7	30.7

## Design:



## Part Number Table

Description	Part Number
Cable, MULTIPR, 4PR, CAT 7A, LSZH, YEL, 100m	PP000426
Cable, MULTIPR, 4PR, CAT 7A, LSZH, YEL, 500m	PP000427

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.

www.element14.com  
www.farnell.com  
www.newark.com  
www.cpc.co.uk

pro-POWER

# X-ON Electronics

Authorized Distributor

*Click to view similar products for [Pro Power manufacturer](#).*

Other Similar products are found below :

[PPCY4C075100M](#) [PPCY3C10050M](#) [PPC217](#) [PP001328](#) [PP001316](#) [PP001109](#) [PP001088](#)

[PP000940](#) [PP030](#) [PP000909](#) [PP001326](#) [PP001308](#) [PP000877](#) [PP000868](#) [PP000704](#)

[PP001163](#) [PP001156](#) [PP001085](#) [PP000510](#) [PP001076](#) [PP000944](#) [PP000914](#) [PP000407](#)

[PP000386](#) [PP000870](#)