

FEATURES

- Aluminium tape shielding
- Supplied in a 305 metre dispenser
- Easy on-site transport and use
- Weight: 46 kg / km

RS PRO Grey LSZH Cat5e Cable F/UTP, 305m Unterminated/Unterminated

RS Stock No.: 139-032



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Category 5e cable to handle frequencies up to 100 MHz.

General Specifications

Terminated/Unterminated	Unterminated
Connector Type	Unterminated /Unterminated
Shield Type	F/UTP
Outer Sheath Material	LSZH
Sheath Colour	Grey
Conductor Material	solid Bare Copper
Insulator Material	Solid polyethylene
Fire Behaviour	Low Smoke Zero Halogen (LSZH)
Application	Cat5e cable can be used in horizontal and building backbone applications. It supports current and future Category 5e applications, such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI and ATM.

Electrical Specifications

Attenuation	21.3dB/100m
Frequency	100MHz

Mechanical Specifications

Length	305m
Outer Diameter	5.80mm
American Wire Gauge	24

Approvals

Compliance/Certifications	2011/65/EU and 2015/863
Standards Met	EN 50173; EN 55022.





Frequency(MHz)	Attenuation (dB/100m)	Next(dB)	Psnext(dB)	ELFELFEXT (dB/100m)	PSELFEXT (dB/100m)	Return loss (dB)	Velocity of propagation	Impedance <Ohm> ±5
1	2,1	65,3	62,3	63,8	60,8	20	>60%	100±15
4	4	56,3	53,3	51,8	48,8	23,1		
10	6,3	50,3	47,3	43,8	40,8	25	>65%	
16	8	47,3	44,2	39,7	36,7	25		
20	9	45,8	42,8	37,8	34,8	25		
31,25	11,4	42,9	39,9	33,9	30,9	23,6		
62,5	16,5	38,4	35,4	27,9	24,9	21,5		
100	21,3	35,3	32,3	23,8	20,8	20,1		