

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 |

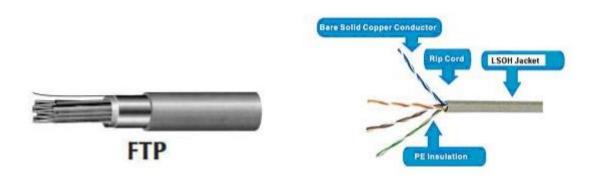
Approvals

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









| Frequency(M Hz) | Attenuati on (dB/100 m) | | Psnext(d B) | хт | T | n | Velocity of propagati on | ce |
|--------------------|----------------------------------|------|----------------|------|------|------|-----------------------------------|--------|
| 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 | | |