

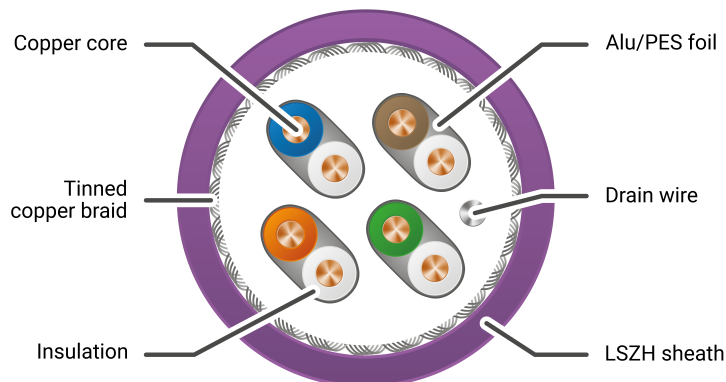
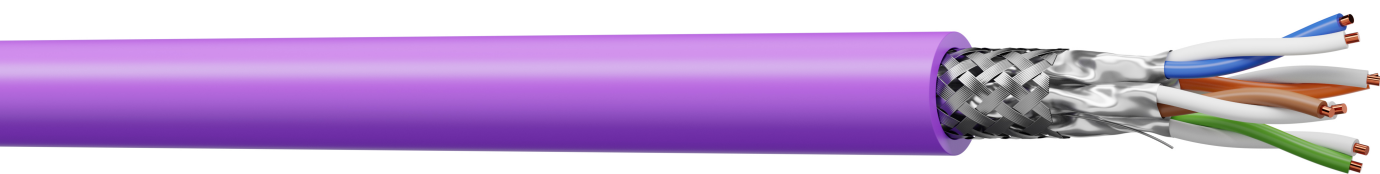
60045SHEV

**CAT7 S/FTP 1x4P - 600 MHz LSZH Dca**  
Cable – Drum of 500m



## DESCRIPTION

Category 7 cable used for shielded cabling solutions in horizontal or vertical configurations. Its S/FTP shielding provides excellent electromagnetic immunity.



## ADVANTAGES

- Exceeds standard specifications
- Very high electromagnetic immunity
- Available in high CPR level : up to B2ca
- Electrical supply of equipments (camera, hotspot wifi, IP phone ...)



**CONSTRUCTION & TECHNICAL PERFORMANCE**

|                                        |                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Product Type                           | 600xySHEVz                                                                                                                        |
| Core gauge                             | AWG23                                                                                                                             |
| Assembly type                          | Pairs                                                                                                                             |
| Shielding description                  | Tinned copper braid                                                                                                               |
| Outer Sheath Material                  | LSZH                                                                                                                              |
| Color                                  | Purple RAL 4001                                                                                                                   |
| Nom. diameter of the outer sheath (mm) | 7                                                                                                                                 |
| Ground drain presence                  | No                                                                                                                                |
| Shielding type                         | S/FTP                                                                                                                             |
| Insulation Color Code                  | Blue and White blue or White - Orange and White orange or White - Green and White green or White - Brown and White brown or White |
| Nominal insulation diameter (mm)       | 1,27                                                                                                                              |

**ELECTRICAL CHARACTERISTICS**

|                                     |                |
|-------------------------------------|----------------|
| Loop resistance                     | 148            |
| Minimum insulation resistance       | > 5000 MΩ x km |
| Service Voltage (V)                 | <250Vdc        |
| Linear electrical resistance (Ω/Km) | 74             |
| Mutual Capacity                     | < 45 pF        |
| Capacity Imbalance                  | < 1600 pF/km   |

**TRANSMISSION CHARACTERISTICS**

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Coupling attenuation (dB)       | 80                                                     |
| Delay skew                      | < 25                                                   |
| Unbalance resistance            | < 2                                                    |
| Propagation speed (%)           | 78                                                     |
| Segregation Class               | D                                                      |
| Performance Category            | Category 7                                             |
| Data Transmission Standard      | EN 50173-1: 2011 Classe F, ISO / IEC 11801 Ed3 Class F |
| Characteristic Impedance (Ohms) | 100                                                    |
| Conductor/Shield Capacitance    | 1,6 nF/km                                              |
| Conductor/Conductor Capacitance | 45 nF/km                                               |

**ENVIRONMENTAL CHARACTERISTIC**

|                    |                                   |
|--------------------|-----------------------------------|
| CPR classification | Dca s2, d2, a2                    |
| Fire behaviour     | IEC 60332-1                       |
| Smoke emission     | IEC 61034-1 & -2                  |
| Gas emission       | IEC60754-2                        |
| RoHS Compliance    | Compliant with the RoHS directive |
| Component Standard | IEC 61156-5 Cat7                  |

**ADDITIONAL INFORMATION**

|                   |              |
|-------------------|--------------|
| Product Packaging | Drum of 500m |
| Weight (Kg)       | 0.065        |