

# BLACK-STONE Zip-cord Interconnect Cable

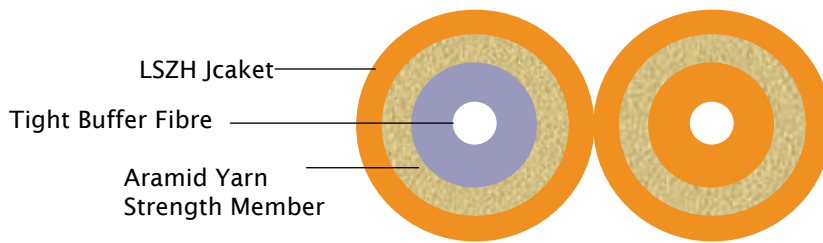


BLACKSTONE ZCC zipcord interconnect cable use 900µm or 600µm flame retardant tight buffer fiber as optical communication medium,the tight buffer fiber wrapped with a layer of aramid yarn as strength member units,and the cable is completed with a figure 8 PVC or LSZH (Low smoke,Zero halogen, Flame retardant) jacket.

## FEATUERS

- Tight buffer fibre ease of stripping
- Tight buffer fibre have excellent flame-retardant performance
- Aramid yarn as strength member make cable have excellent tensible strength.
- Figure 8 structure jacket facilitate embranchment.
- The jacket anti-corrosion,anti-water,anti-ultraviolet radiation, flame-retardant and harmless to environment etc.

## STRUCTURE DIAGRAM



## APPLICATION

- The cable is suitable for use with industry standard connetors and can be easily made into a patchcord , Pigtails and Internal inter-connections.
- Indoor riser level and plenum level cable distribution.
- Interconnect between instrument communication equipments.



Fire Retardant



Internal Use



Installation Tempreature Min0°C

## STANDERD

Tested to meet or exceeds TIA/ EIA-455-85A,TIA/EIA-455-25C, TIA/EIA-455-37A,TIA/EIA-455-33B, GR-20-CORE,GR-409-CORE, ICEA S-87-640,ICEA S-104-696, ICEA S-83-596

## JACKET COLOR

- OS2 (YELLOW) ●
- OM1 (ORANGE) ●
- OM2 (ORANGE) ●
- OM3 (AQUA) ●
- OM4 (AQUA) ●
- OM5 (GREEN) ●

Black-stone

## Mechanical Characteristics Cable

| DESCRIPTION                    | 2-CORE LSZH | 2-CORE LSZH | 2-CORE LSZH | 2-CORE LSZH |
|--------------------------------|-------------|-------------|-------------|-------------|
| Outer Diameter                 | 1.6*3.3mm   | 1.8*3.7mm   | 2.0*4.1mm   | 2.8*5.7mm   |
| Weight                         | 5.7kg       | 6.7kg       | 8.2 kg      | 13.2 kg     |
| Max. Load (installation)       | 160         | 160         | 200         | 300         |
| Max. Load (installed)          | 80          | 80          | 100         | 100         |
| Min. Bend Radius(installation) | 20          | 20          | 20          | 20          |
| Min. Bend Radius(installed)    | 10          | 10          | 10          | 10          |
| Fire Performance               | LSZH        | LSZH        | LSZH        | LSZH        |
| Operating Temp.                | -20~+60 °C  | -20~+60 °C  | -20~+60 °C  | -20~+60 °C  |
| Storage Temp.                  | -20~+70 °C  | -20~+70 °C  | -20~+70 °C  | -20~+70 °C  |
| Installation Temp.             | -20~+60 °C  | -20~+60 °C  | -20~+60 °C  | -20~+60 °C  |
| Crush Resistance               | 1000        | 1000        | 1000        | 1000        |

## TRANSMISSION PERFORMANCE

| Multimode  |                |          |                         |          |                       |
|--|----------------|----------|-------------------------|----------|-----------------------|
| Fiber Core Diameter (µm)                         | 62.5           | 50       | 50                      | 50       | 50                    |
| Fiber Category                                   | OM1            | OM2      | OM3                     | OM4      | OM4 Extended Distance |
| Performance Option Code                          | 30             | 31       | 80                      | 90       | 91                    |
| Wavelengths (nm)                                 | 850/1300       | 850/1300 | 850/1300                | 850/1300 | 850/1300              |
| Maximum Attenuation (dB/km)                      | 3.4/1.0        | 2.8/1.0  | 2.8/1.0                 | 2.8/1.0  | 2.8/1.0               |
| Serial 1 Gigabit Ethernet (m)                    | 300/550        | 750/600  | 1000/600                | 1000/600 | 1100/600              |
| Serial 10 Gigabit Ethernet (m)                   | 33/-           | 150/-    | 300/-                   | 550/-    | 600/-                 |
| Min. Overfilled Launch (OFL) Bandwidth (MHz*km)  | 200/500        | 700/500  | 1500/500                | 3500/500 | 3500/500              |
| Minimum Effective Modal Bandwidth (EMB) (MHz*km) | 220/-          | 950/-    | 2000/-                  | 4700/-   | 5350/-                |
| Single-mode                                      |                |          |                         |          |                       |
| Fiber Category                                   | G.652.D        |          | G.657.A2/G.657.B2 (OS2) |          |                       |
| Performance Option Code                          | 31             |          | 31                      |          |                       |
| Wavelengths (nm)                                 | 1310/1383/1550 |          | 1310/1383/1550          |          |                       |
| Maximum Attenuation (dB/km)                      | 0.65/0.65/0.5  |          | 0.65/0.65/0.5           |          |                       |

## PART NUMBER

| Description                               | Single Mode     | OM1             | OM2             | OM3             | OM4             | OM4+             |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| BLACK-STONE Zip-cord, 2 Fiber count, LSZH | BSZCCOS2YL-LSZH | BSZCCOM1OR-LSZH | BSZCCOM2OR-LSZH | BSZCCOM3AQ-LSZH | BSZCCOM4AQ-LSZH | BSZCCOM4+AQ-LSZH |

NOTE: Other diameters are available upon request.