



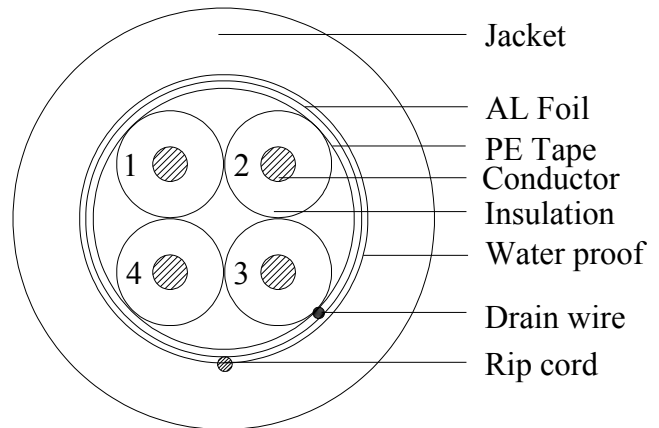
Structured Cable Products

Quality Installations Deserve Quality Products

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PRODUCT SPECIFICATIONS

| | | | | | |
|-----------------|---------|---------------------------------------------------------------------------------|---------|----------|------------|
| PART#: 18/6SHDB | | DESCRIPTION: 6C/18 AWG BC STRANDED SHIELDED DIRECT BURIAL- BLACK- 1000 FT SPOOL | | | |
| Edition | A | Established Date | 11/2012 | Rev Date | 2013/06/25 |
| Approval | Richard | Checked | John | Finish | Jennifer |



Standard:

UL 444 , NEC Article 760 & NEC Article 725

Application:

Security Cable for Outdoor

Construction Characters:

| | | |
|-------------------|----------------|---------------------------------------------|
| Conductor | Material | Stranded Bare Copper |
| | Size | 18AWG X 6C |
| | Construction | 16/0.254±0.004mm |
| Insulation | Material | PVC |
| | Min. Thickness | 0.24mm |
| | AVG. Thickness | 0.27mm |
| | Diameter | 1.70±0.05mm |
| | Colors | Black & Red & White Green & Blue & Brown |
| Shield | Core wrap | PE Tape |
| | Drain wire(TC) | 7/0.20±0.004mm |
| | Shield | AL Foil |
| | Filler | Water proof |
| Jacket | Material | LLDPE |
| | AVG. Thickness | 0.60mm |
| Jacket | Min. Thickness | 0.54mm |
| | Diameter | 7.20±0.10mm |
| | Colors | Black |



PRODUCT SPECIFICATIONS

Electrical & Physical Characters

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|----------------------|
| rating | | 75°C 300V | |
| Conductor Resistance | | Max 22.8ohm/km at 20°C | |
| Dielectric Strength | | Min AC1.5KV | |
| AC Leakage Current Through overall Jacket | | AC 1500V ≤10mA | |
| Insulation | Unaged | Tensile Strength | 13.8 Mpa |
| | | Elongation | 150% |
| | Aged | Tensile Strength | 11.7 Mpa(100°C 168h) |
| | | Elongation | 80%(100°C 168h) |
| Jacket | Unaged | Tensile Strength | 10.8 Mpa |
| | | Elongation | 300% |
| | Aged | Tensile Strength | 9.2 Mpa(100°C 168h) |
| | | Elongation | 150%(100°C 168h) |
| Cold Bend Test | | -20°C 4hours No Cracking | |
| Marking: STRUCTURED CABLE PRODUCTS --- P/N 18/6SH-DB --- 6 COND 18 AWG STRANDED SHIELDED PE JKT CMX OUTDOOR / DIRECT BURIAL -- CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXFT | | | |
| Packaging: | | | |
| Approx. Weight(kg) | Approx. Dimension(mm) | package | Packages per Pallet |
| 24.70 | 370X240X150X12 | 1000 ft/Spool | 36 |