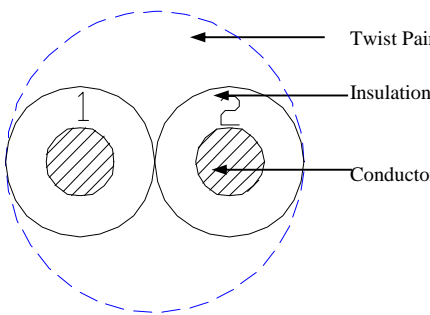


# Product Specification

|   |                              |  |  |
|---|------------------------------|--|--|
| <b>Part No.:</b>  |                              | <b>Color</b>   |  |
|   |                              | Insulator:<br>Black*Black  |  |
| <b>Cross Section</b>  |                              | <b>Performance</b>   |  |
|  <p>Twist Pair<br/>Insulation<br/>Conductor</p>                    |                              | <b>Electrical Characteristics(Per DIN 72551-5):</b><br>Max. Conductor DC Resistance at 20°C (Ω/km) 52<br>Min. Insulation Resistance(MΩ.mm) 1000<br>Dielectric Strength (kV/30min.) 3.0<br>Breakdown Strength (AC,kV) >=5.0   |  |
| <b>Marking</b>  |                              | <b>Mechanical Characteristics(Per DIN 72551-5)</b>   |  |
| None  |                              | Test Object : Insulation<br>Min .Tensile Strength (Mpa) 12<br>Min .Elongation(%) 100%<br><br>Heat Shrinkage (150CX15MIN) <=4%<br>Pressure test at high temperature(80°C×4h×50g) >=0.10mm<br>Cold Bend (-40°X0.5kg*4hrs) No Crack (R=2mm)<br>Accelerated aging Test (48hrsX110C ,2kV) No Crack<br>Abrasion Test (7N) >=200times<br>Cold Shock( -20°C X2hrs) not stave<br>heat overload (120°C X48hrsX0.5kg) not stave<br>Flame test after aging test(extinguishing time) <30S<br>Insulation stability test after aging test per DIN 72551-5<br>speedi-ness of usage lifespan:<br>1.Cold Shock(-25°C×2h) not stave<br>2.oil-resistance:ASTM 3# oil(100°C×24h) not stave<br>3.Heat temperature 48h(110°C×48h) not stave |  |
| <b>Description</b>  |                              | <b>Note:</b> other testing request per DIN 72551-5   |  |
| Rated Temperature: -40~105<br>Rated Voltage(V) 300<br>Stranded copper conductor<br>Resistant to heat,oil,abrasion and cold<br>Excellent flexibility |                              |  |  |
| <b>Application</b>  |                              |  |  |
| Internal wiring in automobile where high flexibility, thermo and mechanical strength are required   |                              |  |  |
| <b>Reference Standard</b>   |                              |  |  |
| DIN 72551   |                              |  |  |
| <b>Construction</b>   |                              |  |  |
| <b>2C</b>   |                              |  |  |
| <b>Conductor</b>  | <b>Stranded Bared Copper</b> |  |  |
| SQ (MM2)  | 0.35                         |  |  |
| Construction  | 12/0.21                      |  |  |
| Stranded Dia. (mm)  | 0.831                        |  |  |
| <b>Insulation</b>   | <b>PVC</b>                   |  |  |
| Min. Thickness (mm)   | 0.2                          |  |  |
| Nom. Thickness (mm)   | 0.26                         |  |  |
| Insulation Dia. (+/-0.1mm)  | 1.3                          |  |  |
| <b>Twist Pair</b>   | <b>2C</b>                    |  |  |
| Lay Length(mm)  | nominal 28                   |  |  |
|   | maximum 33                   |  |  |
|   |                              | <b>Sample Record</b>   |  |
|   |                              | Sample No. :<br>Original spec no. SZ-BQ-1324 Rev.: 5<br>Ref. spec No. : SK-BQ-953 Rev.: 0  |  |
|   |                              | <b>Revision History</b>  |  |
|   |                              |  |  |
|   |                              | Prepared by: LINCO 2015/7/23 Table No.:T100 Rev.: 0<br>Approved by: CICICHENG 2015/7/23 Page 1 of 1  |  |