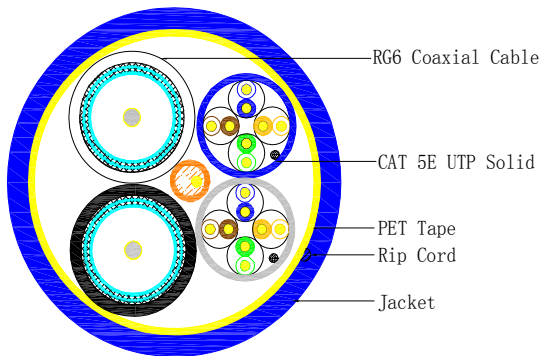


## Cross Section



## Cable Description

|                                |                 |
|--------------------------------|-----------------|
| Rated Temperature(°C)          | 75              |
| Product Standard Certification | UL file E310605 |
| Flammability Test              | CM              |

**Two CAT 5E UTP SOLID 350MHz LAN CABLE 24AWG 4Pairs**  
Complies to TIA/EIA-568-B.2

24AWG Solid Bare Copper Conductor/PE Insulation

**Two RG6/U(Quad Shield) COAXIAL CABLE**

Complies to SCTE ISP-IP-001

18AWG Bare Copper Conductors

AL foil/60% AL Braid Shield + AL foil/40% AL Braid Shield

**One 2 Fiber**

Complies to IEC60793-2-10A1b

Multi mode 62.5/125 Fiber

**Application**

Multi-media Cables for Smart Home

**Reference Standard**

SCTE IPS-SP-001,TIA/EIA-568-B.2,IEC60793-2-10A1b

## Construction

**Two CAT 5E UTP SOLID 350MHz LAN CABLE 24AWG 4Pairs**

Detail See Next Sheet (Attachment 1 / Page : 2 of 4)

**Two RG6/U(Quad Shield) COAXIAL CABLE**

Detail See Next Sheet (Attachment 2 / Page : 3 of 4)

**One 2 Fiber**

Detail See Next Sheet (Attachment 3 / Page : 4 of 4)

**1) Cabling:**

|                   |                       |
|-------------------|-----------------------|
| Order of the Pair | See the Cross Section |
| PET Tape Wrapping | 0.03×45mm             |

**2) OUTER JACKET:**

|                |                          |
|----------------|--------------------------|
| Material       | PVC - Polyvinyl Chloride |
| Color          | Purple                   |
| Rip Cord       | 500D×3                   |
| Nom. Thickness | 0.90±0.05mm              |
| Min. Thickness | 0.80mm                   |
| O.D.           | Φ 17.4±1mm               |
| Marking        | Per Customer             |

**3) Packing:**

|              |                    |
|--------------|--------------------|
| Packing Mark | Accord to Contract |
| Appearance   | Orderliness        |
| Reel         | Per Request        |

## Revision History

|                           |                  |           |
|---------------------------|------------------|-----------|
| Date :                    | Define by :      | Rev : A/0 |
| Prepared by : King        | Date: 2007-01-16 |           |
| Approved by: WangYuanYuan | Page: 1 of 4     |           |

## Mechanical Characteristics

| Test Object                  | Jacket   |
|------------------------------|----------|
| Test Material                | PVC      |
| Before Tensile Strength(Mpa) | ≥13.5    |
| Aging Elongation(%)          | ≥150     |
| Aging Condition(°C×hrs)      | 100×168  |
| Before Tensile Strength(Mpa) | ≥12.5    |
| Aging Elongation(%)          | ≥125     |
| Cold Bend(-20±°C×4hrs)       | No crack |

## Other Characteristics

|        |                    |
|--------|--------------------|
| Length | 500FT Plywood Drum |
|--------|--------------------|

# Structured Cable Products



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