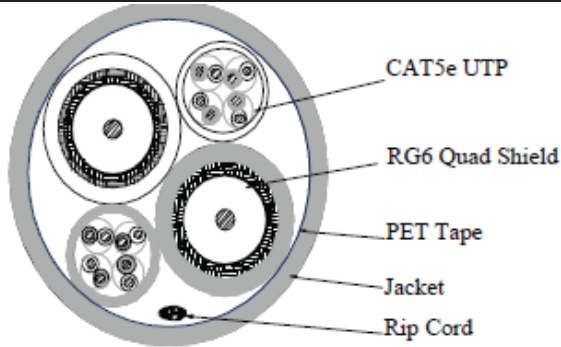




### Description

#### Two 4 Pair Cat5E UTP Cable

##### Complies to TIA 568-C.2

24 Awg Solid Bare Copper Conductor / PE Insulation

#### Two RG6 Quad Shield Coaxial Cable

##### Complies to SCTE ISP-IP-001

18 Awg Copper Clad Steel (CCS)

Al foil / 60% Al-Mg alloy Braid Shield +

Al foil / 40% Al-Mg alloy Braid Shield

### Applicable Standards

For use in Home Network Systems

#### Reference Standard

SCTE IPS-SP-001, TIA-568-C.2

### Physical Characteristics

**CAT5E TUP LAN CABLE** For details, please see Attachment 1

**RG6 Quad Shield Coaxial Cable** For details, please see Attachment 2

### Cable Marking

H25E26QMBL 2CAT5E 350 MHZ + 2RG6U/18 AWG QUAD  
CMR/CATVR FT4 VERIFIED TO C(ETL)US XXXXXXX CATV  
SWEPT TO 3.0 GHZ \*\*\* FT

### Electrical Performance

**CAT5E UTP LAN CABLE** For details, please see Attachment 1

**RG6 Quad Shield Coaxial Cable** For details, please see Attachment 2

### Electrical Characteristics

**CAT5E UTP LAN CABLE** For details, please see Attachment 1

**RG6 Quad Shield Coaxial Cable** For details, please see Attachment 2

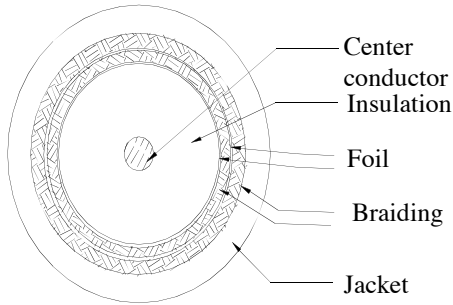
### Mechanical Characteristics

| Test Object     |                  |       | Outer Jacket                 |
|-----------------|------------------|-------|------------------------------|
| Test Material   |                  |       | PVC                          |
| Before          | Tensile Strength | (Mpa) | >=1.034                      |
| Aging           | Elongation       | (%)   | >=200                        |
| Aging Condition |                  |       | 113.0 ± 1.0 x 168            |
| After           | Tensile Strength | (Mpa) | >=85% unaged                 |
| Aging           | Elongation       | (%)   | >=50% unaged                 |
| Cold Bend       |                  |       | (-20 ± 2°C x 4 hrs) No crack |

### Part Numbers

| Part #       | Color | Put-up    |
|--------------|-------|-----------|
| H25E26QMBL-2 | Blue  | 500' Reel |





### Description

RG-6/U QUAD CATV 75  $\Omega$  Coaxial Cable

### Applicable Standards

#### Reference Standard

SCTE IPS-SP-001

UL 1655, UL 13, UL 444, ROHS

### Physical Characteristics

#### Conductor C.C.S.

AWG 18

Diameter (inches) 0.04

#### Insulation Skin Foamed PE

Nom. Thickness (inches) 0.073

Insulation Diameter (inches) 0.186

#### First Braid Shield Aluminum

Coverage Area (%) 60

#### Second Braid Shield Aluminum

Coverage Area (%) 40

#### Jacket FR-PVC

Cable Diameter (inches) 0.2968

Nom. Thickness (inches) 0.0255

### Cable Marking

RG6/U QUAD SHIELD 18AWG CMR FT4 VERIFIED TO C(ETL)US

XXXXXXX CATV SWEPT TO 3.0 GHZ \*\*\*FT

### Electrical Performance

| Frequency<br>(MHz) | Attenuation<br>(dB/100m) | Frequency<br>(MHz) | Attenuation<br>(dB/100m) |
|--------------------|--------------------------|--------------------|--------------------------|
| 1                  | 0.89                     | 1000               | 22.00                    |
| 10                 | 2.90                     | 1200               | 24.60                    |
| 50                 | 5.25                     | 1450               | 27.20                    |
| 100                | 7.20                     | 1800               | 30.50                    |
| 200                | 9.84                     | 2200               | 32.80                    |
| 400                | 14.10                    | 2400               | 32.83                    |
| 700                | 19.00                    | 3000               | 37.88                    |
| 900                | 21.00                    |                    |                          |

### Electrical Characteristics

|                         |                   |           |
|-------------------------|-------------------|-----------|
| Temperature Rating      | (°C)              | -20 to 60 |
| Impedance               | ( $\pm 3.0$ Ohms) | 75        |
| Capacitance             | (pF/ft)           | 15.5      |
| Conductor DCR@20° C     | (ohms/1000ft)     | 28.6      |
| Velocity of Propagation | (%)               | 84        |
| ROHS Compliant          |                   | Yes       |