

RG-6 DUAL W/ MESSENGER

High Frequency DBS Cable

75 Ohm Coaxial Cable

Part# **STL612**

Non-Plenum: (UL) CM/CL2/CATV

3411 Integrity Drive

Suite 200

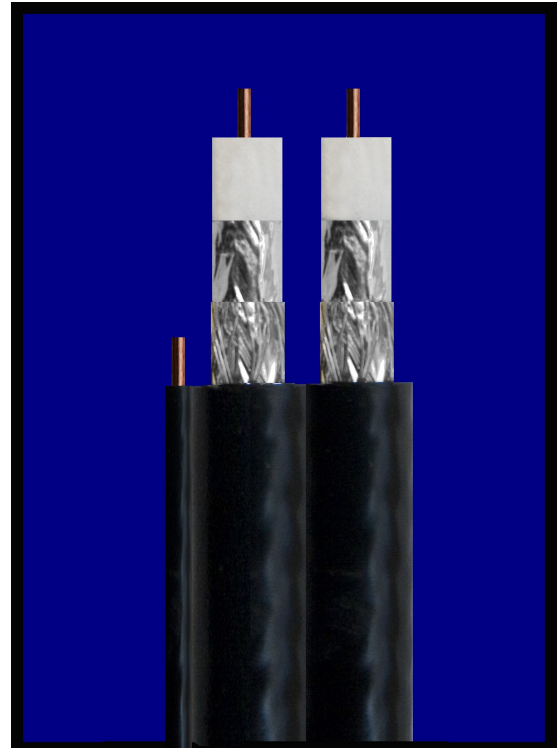
Garner, NC 27529

866-882-8377

www.SunTechLabs.com

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:
 - 18 AWG SOLID COPPER COVERED STEEL (CCS)(x2)
 - NOMINAL DIAMETER: 0.040"
- DIELECTRIC:
 - FOAM POLYETHYLENE
 - DIAMETER OVER DIELECTRIC: 0.180"
- SHIELD:
 - FOIL: ALUMINUM LAMINATED TAPE
 - BRAID: 34 AWG ALUMINUM
 - NOMINAL 60% COVERAGE
 - NOMINAL DIAMETER: 0.187"
- JACKET:
 - PVC
 - DIAMETER OVER JACKET: 0.272"
 - NOMINAL JACKET THICKNESS: 0.030"
- MESSENGER:
 - NOMINAL DIAMETER: 17 AWG
 - MINIMUM BREAKING: 365 LBS



ELECTRICAL PROPERTIES:

- NOMINAL IMPEDANCE: 75 ± 3 Ohms
- NOMINAL VELOCITY OF PROPAGATION 85%
- RETURN LOSS: 5-3000 MHz ≥20
- DC RESISTANCE FOR INNER CONDUCTOR: ≤30 Ohms/1000ft
- DC RESISTANCE FOR SHIELD: ≤12.8 Ohms/1000ft

MECHANICAL PROPERTIES:

- OPERATING TEMP RANGE: -20°C TO +80°C
- COLD BEND WITHSTAND TEMP: -20°C
- TENSILE STRENGTH: ≥2000 PSI
- ELONGATION AT BREAK: ≥250%
- MECHANICAL BREAKING 180 LBS
- UV STABILIZED



MAX dB/100 FT	@FREQUENCY MHz
.58	5
3.30	250
4.66	500
6.55	1000
9.50	2000
10.32	2500
10.98	3000