

RG-6 DUAL W/ MESSENGER

High Frequency DBS Cable

75 Ohm Coaxial Cable

Part# **STL622**

SCTE 74 2003

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

CABLE CONSTRUCTION:

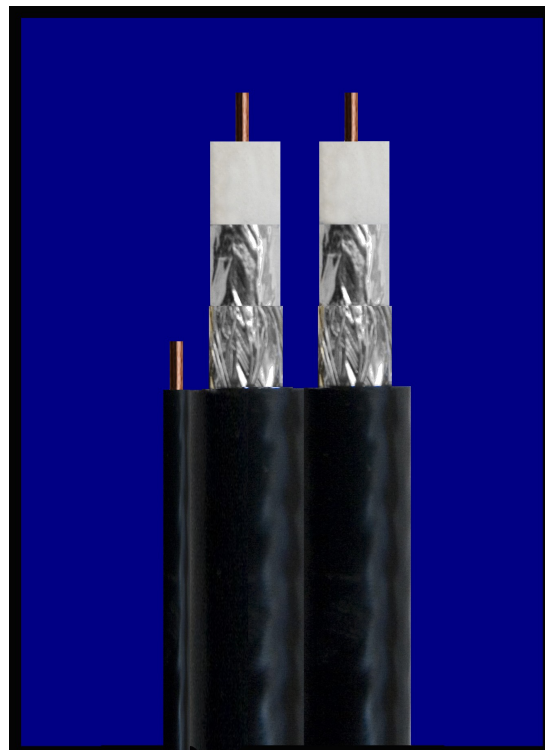
CENTER CONDUCTOR:
 18 AWG SOLID COPPER COVERED STEEL (CCS)(x2)
 NOMINAL DIAMETER: 0.040"

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: ≤28.35 Ohms/1000ft
 DC RESISTANCE FOR SHIELD: ≤12.65 Ohms/1000ft

MECHANICAL PROPERTIES:

OPERATING TEMP RANGE: -40°C TO +80°C
 COLD BEND WITHSTAND TEMP: -40°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