



ETL Systems
New technologies
in RF distribution

ACO-xxx-510001-K4K4

Coaxial Test Cable

Low Loss, Flexible, 2.92mm Male Connectors

- Frequency DC-40 GHz
- Good Flexibility & Durability
- Low Loss
- Cost Effective
- Stock Availability
- RoHS Compliant

ETL's ACO series of coaxial cable assemblies are designed for general purpose laboratory and equipment applications where low loss, flexibility, performance and affordability are key features. Connectors are 2.92mm male with passivated stainless steel bodies. Female connector options are also available.



GENERAL SPECIFICATIONS	
Operating Frequency	DC-40GHz
Cable Impedance	50 ohms
Velocity of Propagation	77% nom.
VSWR	1.35:1 max.
Dielectric Constant	1.7 nom.
RF Leakage	<-100dB
Time Delay	4.35ns/m
Capacitance	86pF/m
Phase Stability vs. Flexure	4 deg (@18GHz max.)
Insertion Loss Stability vs. Flexure	+/-0.3dB (@ min. Bend Radius)
Phase Stability vs. Temperature	2 deg/GHz/m max. (-40 to +80C)
Cable Jacket Diameter (Extruded)	4.20mm
Cable Jacket	FEP - Orange
Outer Conductor	Silver Plated Copper
Cable Dielectric	Low Density PTFE
Centre Conductor	Silver Plated Copper Stranded 19/0.2mm
Bend Radius	19.05mm min.
Weight	42g/m
Temperature Range	-55 to +135C

