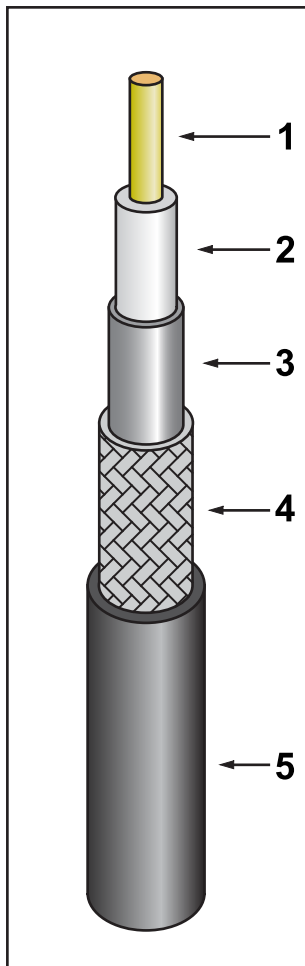


## GBC400 LSZH Low Loss Coax Cable

LMR40-FR® Direct Equivalent Cable

201-405



- Replacement for RG-8/9913 Air-Dielectric type Cable
  - Jumper Assemblies in Wireless Communications Systems
  - Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed low loss RF cable
- Low Smoke: IEC 61034-2, Halogen Free: IEC 60754-1&2, Flame Retardant: IEC 60332-3-24C

Construction Specifications		
1 Inner Conductor	Bare Copper Clad Aluminium	2.74mm
2 Dielectric	Physical Foam Polyethylene	7.24mm
3 Outer Conductor	Bonded Aluminium Foil	7.39mm
4 Overall Braid	Tinned Copper	8.13mm
5 Jacket	Low Smoke Halogen Free	10.29mm

Electrical Specifications	
1 Impedance	50 $\Omega$
2 Capacitance	80.5pF/M (24.5pF/ft)
3 Velocity of Propagation	85%
4 Return Loss (30 - 2800 MHz)	$\geq 15$ dB
5 Conductor Resistance	$\leq 4.5\Omega/\text{km}$

Environmental Specifications	
1 Bending Radius Static	25mm (1.0")
2 Bending Radius Repeated	103mm (4.0")
3 Weight	100Kg/Km



PE  
Version  
Also  
Available

Frequency (MHz)	50	150	220	450	900	1500	1800	2000	2500	5800
Attenuation dB/100ft	0.94	1.59	1.87	2.76	4.04	5.36	5.91	6.30	7.10	11.61

These are actual test results from production cable

### Connectors\*



\*Only A Selection of Connectors Shown, More Available From Stock

**We Manufacture Your  
Cable Assemblies  
To Your Spec**



Although GEM Cable Solutions makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.