

LTTC METALLIC FLEXIBLE CONDUIT BUILT TO ENDURE

When system integrity is critical, conduit performance matters. LTTC flexible conduit provides reliable protection where electrical continuity, EMC performance, and mechanical strength cannot be compromised. Its liquidtight construction and robust screening protect critical connections in harsh, mission-critical environments, ensuring long-term resilience.

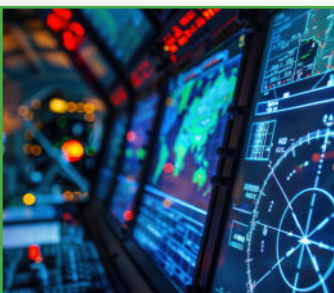


LTTC Flexible Conduit & liquidtight fittings

Built for Reliability in Demanding Conditions:

- ▲ Robust EMC screening tested at 10GHz.
- ▲ Durable construction maintains system integrity under demanding conditions.
- ▲ Liquidtight, UV-resistant and corrosion resistant design supports reliability.
- ▲ High compression strength, extra low fire hazard properties and oil resistance supports continuous operation.
- ▲ Compatible with Flexicon's range of liquidtight fittings.
- ▲ Approved for use with NATO stock codes.

Suited For Mission-Critical Applications:



Defence



Marine



Machine & Automation



Rail

Product Highlights

The range offers enhanced EMC screening and is available in sizes 20 mm to 63 mm. Fully compatible with Flexicon's liquidtight fittings, simple termination for IP66, IP67, IP68 (5 Bar), and IP69 applications is delivered.



**Extra Low
Fire Hazard**



**Oil
Resistant**



**EMC Tested
up to 10GHz**



**20mm - 63mm
Available**



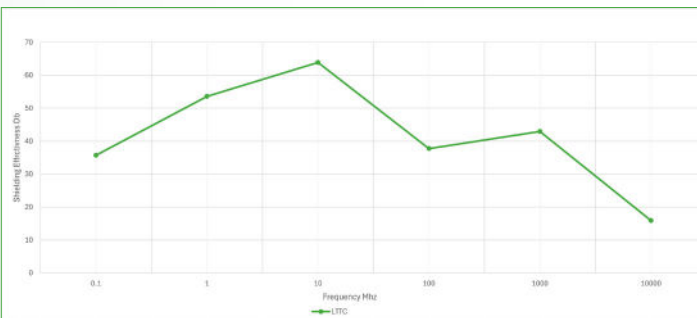
**UV
Resistant**

Tested for Real World Performance

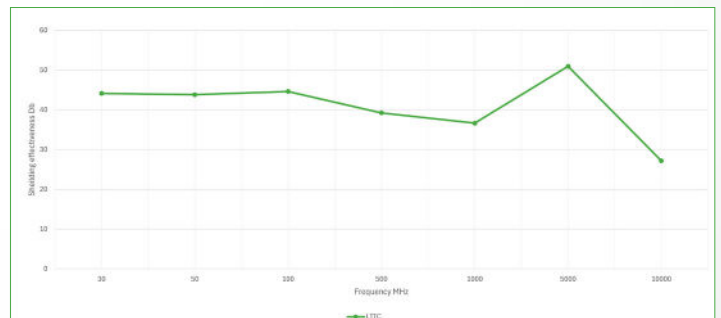
LTTC conduit has been comprehensively EMC tested up to 10 GHz, consistently matching or going above and beyond alternative solutions while maintaining strong shielding effectiveness from all angles. These results confirm suitability for applications where reliable electromagnetic protection is critical.

As conduit orientation can influence radiation patterns and antenna coupling, horizontal and vertical EMC testing has been conducted to support correct specification.

- ✓ Ensures maximum shielding effectiveness
- ✓ Confirms dependable performance
- ✓ 360° rotation tested



Vertical



Horizontal



For more info visit atkore.com/flexicon

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