INTRODUCING

# MULTI-FIBER CABLE ASSEMBLIES

- **Space savings**
- **Efficient and reliable in design**
- **Economic upgrade solution**



TE Connectivity's (TE) multi-fiber cable assemblies can provide high signal and data connectivity through only one cable to connect multiple units in the field instead of one assembly for each. This can allow for space savings within densely populated applications. The new multi-fiber cable assemblies use bend-insensitive fiber G.657.A2 material and a bayonet style locking feature that provides positive feedback to the operator when fully mated. This allows for easy, fool-proof installation and reliable performance. These reliable, high quality, rugged cable assemblies can be used in harsh environments.

## APPLICATIONS

- 5G
- Wireless outdoor applications
- Remote Radio Heads (RRH)
- Microwave equipment
- Industrial outdoor applications
- Robotics
- Many other outdoor harsh environments

## TARGET MARKETS

- Data Communications
- Wireless
- Aerospace and Defense

## ELECTRICAL

- IP65
- Operating temperature range: -40°C to 75°C
- Salt mist IEC 61300-2-26
- Flammability rating UL94-V0
- CPR Compliance per Dca – s2, d0, a1
- RoHS/Reach Product Compliance

## MATERIALS

- LSZH

## STANDARDS & SPECIFICATIONS

- Application Spec: 114-32032
- Product Spec: 108-160148

## KEY BENEFITS

- **Space Savings:** High speed signals are routed completely through one cable to connect multiple units in the field instead of one assembly for each unit.
- **Efficient and Reliable in Design:** Cable bend insensitive fiber G657 allows for easy fool-proof installation and reliable performance. The bayonet style of the locking feature provides positive feedback to the operator when fully mated. Custom configurations available upon request.
- **Long-Lasting in Harsh Environments:** These reliable, high quality, rugged cable assemblies can be used in harsh environments.
- **Economic upgrade solution:** UL- and CPR-compliant design for universal global use without requiring upgrading customer applications.

## MECHANICAL

- 100 mating cycles per EIA-364-9
- 150 N pull force per IEC61300-2-4
- Vibration per IEC 61300-2-1

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