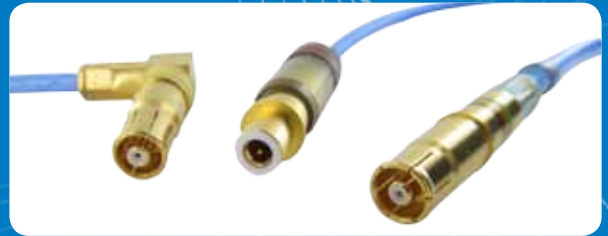


CONCENTRIC TWINAX contacts



ABS1600

ABS1607

ABS2217

EN3155

AS39029

FIRST MANUFACTURER
QUALIFIED EN3155

Amphenol **Twinax contacts** were designed for use with twinax cable (shielded twisted pair) in data Bus systems.

FEATURES AND BENEFITS

- Protection against magnetic interferences.
- Protection against electrostatic interference including nuclear electromagnetic pulse.
- Maintains shield integrity through a multi-pin circular connector.
- Does not require contact polarization within the insert. (concentric interface)
- Amphenol proposes a wide range of sealing boots.

TYPICAL ELECTRICAL PERFORMANCE

- Voltage Rating : 500 Vrms max. @ sea level
- Contact Resistance:
 - Center @ 1 Amp: 55 millivolts max. voltage drop @ 25°C
 - Intermediate @ 1 Amp: 55 millivolts max. voltage drop @ 25°C
 - Outer @ 12 Amps: 75 millivolts max. voltage drop @ 25°C
- Operating Frequency : 0–20 MHz
- Dielectric Withstanding Voltage:
 - Center to Intermediate: 1000 VAC Rms @ Sea Level
 - Intermediate to Outer: 500 VAC Rms @ Sea Level

MARKETS & APPLICATIONS

Markets

- **DEFENSE** : C4ISR/Battlefield/
Ground Vehicles
- **AVIONICS**
- **MISSILE**

Applications

- **MIL-STD-1553** : Military standard for
serial data bus
- **ARINC429** : Avionic standard for avionics
data bus



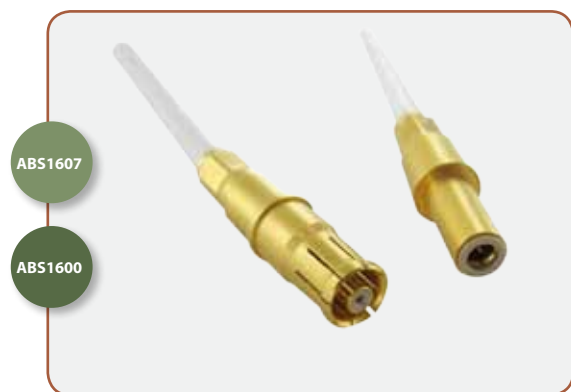
PORTFOLIO



MIL-DTL-38999 series I and III Connectors
EN3645 Connectors
VG96912 SJT Connectors
EN4165/SIM Connectors



MIL-DTL-38999 series I and III Connectors
EN3645 Connectors
VG96912 SJT Connectors
EN4165/SIM Connectors



ARINC 600 Connectors



Please contact us

QUALIFICATION

