



NA3FDM

XLR female-male feedthrough adapter for panel mount

Technical Information

| Product | |
|-----------------|---------|
| Title | NA3FDM |
| Connection Type | Adapter |

| Electrical | |
|------------------------------|---------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$ |
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 2 \text{ G}\Omega$ (initial) |
| Rated current per contact | 16 A |
| Rated voltage | $< 50 \text{ V}$ |

Mechanical

| | |
|------------------|--------------------------|
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | max. 2.5 mm ² |
| Wiresize | max. 14 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |
| Chassis shape | D |

Material

| | |
|-----------------|----------------------------|
| Contact plating | 2 µm Ag over 2 µm Ni |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67 |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |

Environmental

| | |
|---------------------|---------------------------|
| Flammability | UL 94 HB |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP 40 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |