

AIDA-GP-AIDA-GP-52-10M

Power Cable, PUR – Power cable according to AIDA

Features

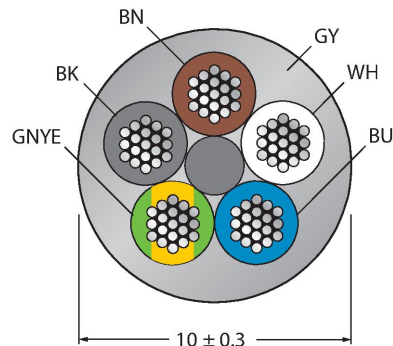


- Supply cable: 5 × 2.5 mm²
- Jacket material: PUR, color: gray
- Jacket diameter: 10 mm
- Conductor: stranded according to VDE 0295 Class 5/IEC 60228 Class 5
- Oil resistant
- Resistant to abrasion and notches
- Resistant to hydrolysis and microbes
- RoHS compliant
- AIDA compliant
- Protection class IP65 and IP67
- Push-pull Power connector, 4-pin + PE

Technical data

Type	AIDA-GP-AIDA-GP-52-10M
ID	6935647
Connector A	Male, Push-Pull Power, Straight
Number of pins	4+PE
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, Black
Connector body	Die-cast Zinc, GD-Zn, Nickel-plated, silver-plated
Mechanical lifespan	> 500 Mating cycles
Pollution degree	3
Protection class	IP65, IP67, (plugged)
Connector B	Male, Push-Pull Power, Straight
Number of Pins	4+PE
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, Black
Connector body	Die-cast Zinc, GD-Zn, nickel-plated
Mechanical life	> 500 Mating cycles
Pollution degree	3
Protection class	IP65, IP67, (Plugged)
Cable	
Cable diameter	Ø 10 mm ±0.30
Cable length	10 m
Cable jacket	PUR, Gray
Shielding	no
Core insulation	PVC
Core cross-section	5 x 2.5 mm ²
Core colors	BN, WH, BU, BK, GNYE

Cable Cross-Section



Contact assignment



Circuit Diagram



Technical data

Electrical properties at +20 °C	
Rated voltage	24 V
Test voltage	4000 V
Current	16 A
Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 4 \times \varnothing$
Bending radius (flexible use)	$\geq 13 \times \varnothing$
Ambient temperature (fixed)	-40...+70 °C
Ambient temperature (mobile)	-5...+70 °C
Other Features	
Qualified for drag chain use	no
Halogen-free	no
Oil-resistant	yes