DT-Compatible 4-Pin Female to M12 Female Cable, 18 AWG PUR, 1.0 m

FormRep item 3442 · 4-pin Amphenol AT-series socket to M12 A-coded 4-pin female straight cordset.



FORMREP PART NUMBER
3442-C-D04FS-M04FS-P0418-1M0-S

CROSS-REFERENCE
Murrelektronik 7072-77301-5690100

RATINGS
250 V AC/DC · 4 A · –40 to +105 °C

CONNECTORS
AT06-4S (DT-compatible) · M12 A-coded 4-pin female

LENGTH
1.0 m (1000 mm ±30)

CABLE
18 AWG × 4 conductors + filler, black PUR, Ø6.5 mm

CONSTRUCTION

Connector 1	Amphenol AT06-4S + AW4S wedge
Connector 2	M12 × 1.0, A-coded, 4-pin female, straight
Length	1.0 m (1000 mm ±30)
Pinout (AT-M12)	Straight through: 1-1 BN · 2-2 WH · 3-3 BU · 4-4 BK
Cable	18 AWG × 4C + filler, black PUR, Ø6.5 mm, 300 V
M12 coupling	Nut 10.7 × 14.5 mm, brass, nickel plated
M12 seal	FKM O-ring Ø7.0 × 1.0 mm
Overmold	Red PVC (AT end) · red TPU (M12 end)

ELECTRICAL & TEST

Rated voltage	250 V AC/DC
Rated current	4 A
Operating temp.	–40 to +105 °C
Insulation resist.	> 100 MΩ
Contact resist.	≤ 5 mΩ
Hi-pot (100%)	300 V DC, 10 ms
Compliance	RoHS / REACH

ORDERING

FormRep PN	3442-C-D04FS-M04FS-P0418-1M0-S
Interchange	Murrelektronik 7072-77301-5690100

STOCKED ASSEMBLY
Stocked in 1.0 m. Also built to order in 0.3, 0.6, 2.0, 3.0, 5.0 and 10.0 m; other lengths, including lengths in feet, on request. Contact FormRep for a quote.

100% PRODUCTION TESTED
Every assembly is checked for opens and shorts, insulation resistance, contact resistance, and hi-pot before it ships.

Four-conductor PUR cable, wired straight through (AT pin n to M12 pin n). Drawing available on the product page.

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