

ORLACO DYNAMIC MAST CABLE

ORL0301731

Cable 15m 4P Molded Connector

- Soft surface with a small bend radius
- M16 4-pole cast contacts or M16 7-pole cast contacts
- -40 to +85 °C



PRODUCT DESCRIPTION

The Orlaco Dynamic Mast Cable is a flexible, PUR-sheathed multicore cable built for analogue video systems on mobile heavy-duty equipment. With an outer diameter around 9 mm and available lengths from 0.5 m up to 20 m, it houses either 4-pole or 7-pole M16 cast connectors (male and female). Rated IP67, it withstands harsh external conditions and operates reliably in extreme temperatures from -40 °C to +85 °C. The "soft surface" design and small bend radius ensure it remains durable and resistant to fatigue even under repeated flexing, ideal for dynamic installations on booms or moving mounts.

Designed specifically for moving camera installations on excavators, cranes, truck masts, or tipping platforms, this cable ensures consistent, interference-free video and power transmission during constant movement. Its flexibility and secure M16 connectors simplify installation in confined or rotating spaces, while the rugged PUR jacket and sealed connectors protect against dust, moisture, and mechanical stress. This makes the cable a reliable choice for construction, mining, agricultural machinery, or any heavy equipment where reliable visual feedback enhances operator safety, prevents blind-spot incidents, and supports real-time situational awareness.

machine monitoring, and reduce downtime through a robust, integrated cabling solution.

TECHNICAL DATA

Cable diameter	9 mm
Cable length	15000 mm
IP class	IP67
Material	PUR
Temperature operational max	85 °C
Temperature operational min	-40 °C
Type	Analogue



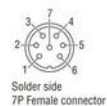
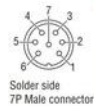
Front side
4p Male connector



Front side
4p Female connector

Electrical connection

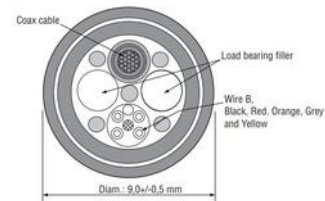
- | | |
|--------------------|-------------|
| 1 = coax core | Video |
| 2 = coax shielding | Video GND |
| 3 = red | 12...30V/DC |
| 4 = black | 0V |
| Orange | N.C. |
| Yellow | N.C. |
| Grey | N.C. |



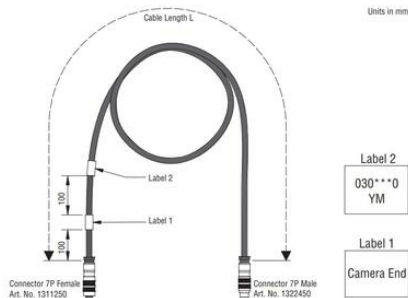
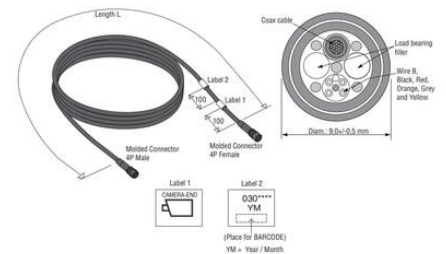
Electrical connection

Soldering of connectors (female 1311250 + male 1322450)

- | |
|-----------------|
| 1 = Video |
| 2 = Video GND |
| 3 = Power input |
| 4 = 0V |
| 5 = Aux 1 |
| 6 = Aux 2 |
| 7 = Aux 3 |



Dimensions



Front side
4p Male connector



Front side
4p Female connector

Electrical connection

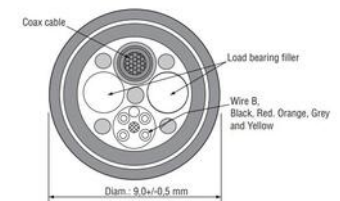
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Dimensions

