



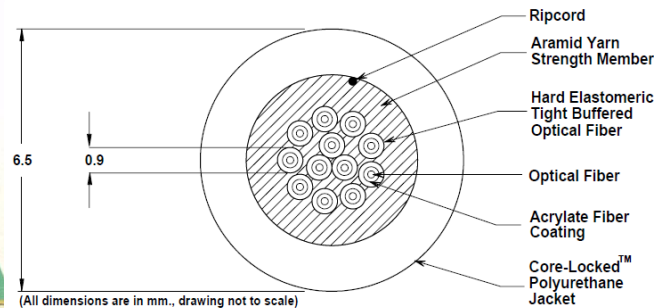
Part. No: SO-HU40-xx

Date 07/03-2012

SOhome hook-up solution Hook-up cable with Gisma 40 plug



Terminated Gisma40 plugs with cable



Cable cross-section

Hook-up cable with Gisma 40 plug

SOhome hook-up cable with Gisma 40 plug for outdoor use. Typical application is to connect the fibre optic network between oil rigs and/or vessels. The plug is terminated with 12 fibres. The cable used is a military tactical cable for extreme strengths.

Cable properties

Fiber type	Singlemode OS1 / multimode (OM1/OM3)
Cladding diameter	125 µm
Primary coating diameter (UV cured acrylate)	500 µm
Secondary buffer diameter (hard elastomeric)	900 µm
Proof test level	100 kpsi
Cable weight	51-53 kg/km
Cable diameter	6.5mm
Installation max tensile load	2,100 N
Installation min bend radius	10.4 cm
Operating max tensile load	700 N
Operating bend radius	5.2 cm
Impact resistance	200 impacts (EIA/TIA-455-25, Military Req.)
Crush resistance	440 N/cm (TIA/EIA-455-41, Military Reg.)
Operating temperature	-55°C to +85°C
Storage temperature	-70°C to +85°C



Gisma40 fibre optic properties

Attenuation (850 nm - 1300 nm, dry)	
Single mode, typical	0.5 dB
Single mode, maximum	1 dB
Multi mode, typical	1 dB
Multi mode, maximum	1.6 dB
Mating operations min	1000 (clean environment)
Return-loss	37 +/- 3 dB

Ordering info

Part No.	Part Name
SO-HU40-OS1	Hook-up cable w/Gisma40 9/125 xx m
SO-HU40-OM3	Hook-up cable w/Gisma40 50/125 OM3 xx m
SO-HU40-OM1	Hook-up cable w/Gisma40 62.5/125 xx m