

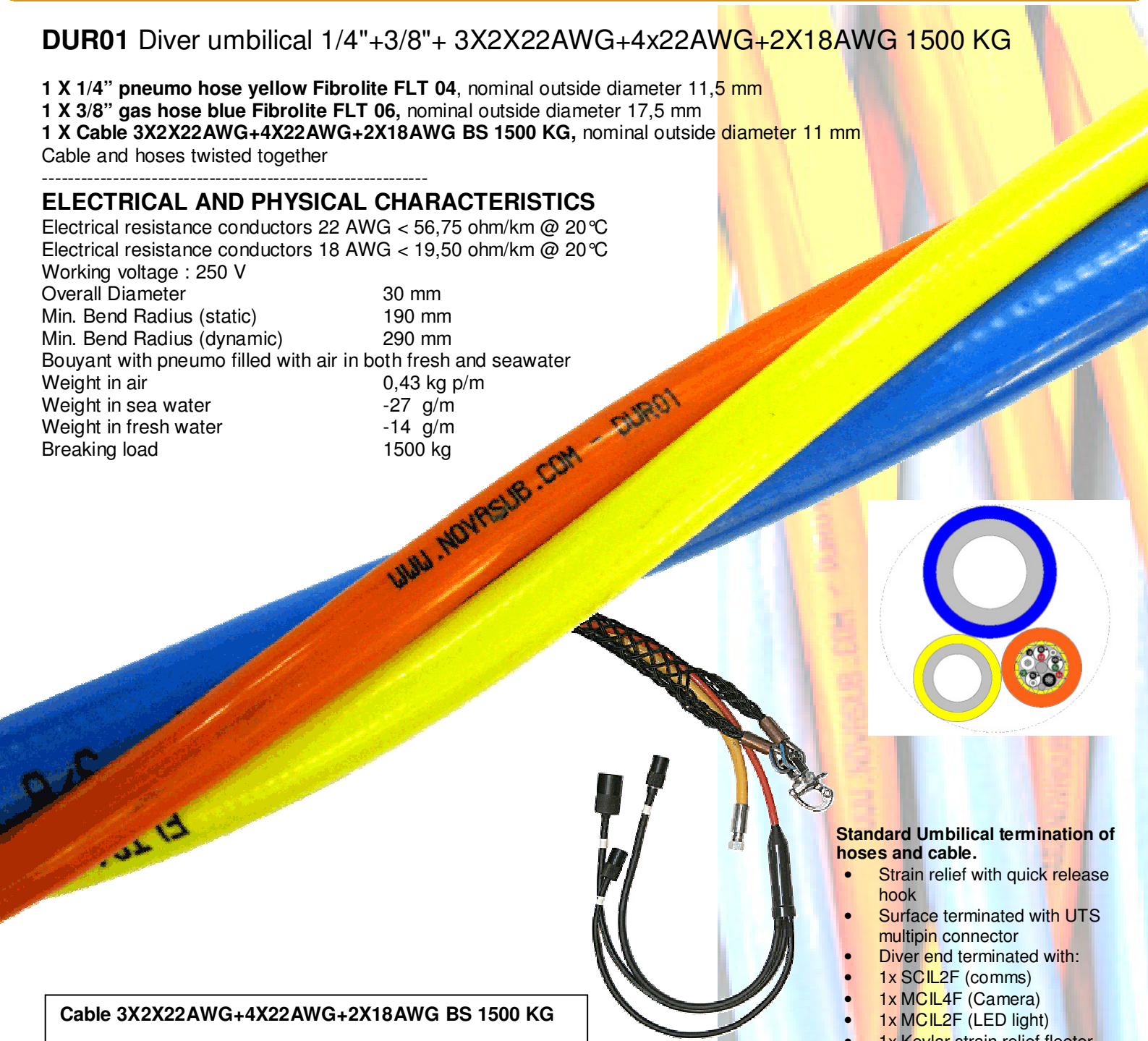
DUR01 Diver umbilical 1/4"+3/8"+ 3X2X22AWG+4x22AWG+2X18AWG 1500 KG

1 X 1/4" pneumo hose yellow Fibrolite FLT 04, nominal outside diameter 11,5 mm
 1 X 3/8" gas hose blue Fibrolite FLT 06, nominal outside diameter 17,5 mm
 1 X Cable 3X2X22AWG+4X22AWG+2X18AWG BS 1500 KG, nominal outside diameter 11 mm
 Cable and hoses twisted together

ELECTRICAL AND PHYSICAL CHARACTERISTICS

Electrical resistance conductors 22 AWG < 56,75 ohm/km @ 20 °C
 Electrical resistance conductors 18 AWG < 19,50 ohm/km @ 20 °C
 Working voltage : 250 V

Overall Diameter	30 mm
Min. Bend Radius (static)	190 mm
Min. Bend Radius (dynamic)	290 mm
Bouyant with pneumo filled with air in both fresh and seawater	
Weight in air	0,43 kg p/m
Weight in sea water	-27 g/m
Weight in fresh water	-14 g/m
Breaking load	1500 kg



Standard Umbilical termination of hoses and cable.

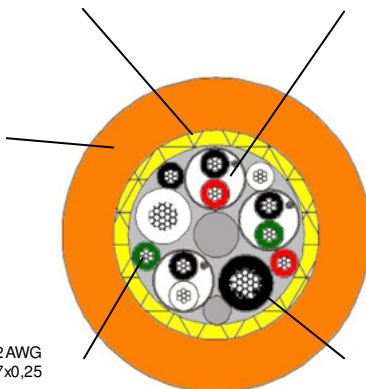
- Strain relief with quick release hook
- Surface terminated with UTS multipin connector
- Diver end terminated with:
 - 1x SCIL2F (comms)
 - 1x MCIL4F (Camera)
 - 1x MCIL2F (LED light)
 - 1x Kevlar strain relief fleeter
- 3/8" diver air hose terminated with Jic6 swivel (both ends)
- 1/4" Pneumo terminated with Jic4 swivel (only surface end)

Cable 3X2X22AWG+4X22AWG+2X18AWG BS 1500 KG

Aramid Strength

Twisted Shielded pairs 3 X 2 X 22AWG
 Cores twisted in pairs colours black/white, black/red, black/green, Tinned copper conductor 7x0,25 mm
 HDPE insulation, nominal thickness 0,25 mm, nominal diameter 1,25 mm. Individual screen of Al/polyester tape, tinned copper drain wire 7x0,20 mm, polyester tape

Outer Jacket
 Hydrolysis resistant PUR outer sheath, nominal thickness 1,40 mm, nominal



Power Conductors 4 X 22AWG
 Tinned copper conductor 7x0,25 mm
 HDPE insulation, nominal thickness 0,25 mm, nominal diameter 1,25 mm

Power Conductors 2 X 18AWG
 Bare copper conductor 31x0,20 mm
 Polyethylene insulation, nominal thickness 0,38 mm, nominal diameter 2,05 mm, colours black, white

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