

Diving cables

The chart below shows some of the more frequently used cables that are available off-the-shelf. These cables are particularly suited for use within bell excursion and surface dive umbilicals. Beyond these, however, Fibron has the ability to design and manufacture bespoke cables for a variety of situations and solutions.

Part Number	Description	Weight in air kg / km	Weight in seawater kg / km	O.D. mm
DCS0001	Communication cable – c/w strength braid 2 x 0.5mm ² screened pairs Polyester strength braid (500kg minimum break strength) RED polyurethane outer sheath (1.7mm nominal thickness)	120	25	11.0
DCS0012	Communication / Diver monitoring cable 2 x 0.5mm ² screened pairs, 2 x 0.5mm ² cores RED polyurethane outer sheath (1.8mm nominal thickness)	120	30	10.5
DCS0014	Combined communication / video cable 1 x 1.34mm ² twisted pair, 2 x 1.0mm ² screened pairs 1 x 0.5mm ² screened pair, 2 x 1.0mm ² cores 1 x 75W mini coax, void filled assembly RED polyurethane outer sheath (1.6mm nominal thickness)	270	115	14.0
DCS0013	STP video / comms cable 3 x 1.0mm ² screened pairs , 2 x 1.0mm ² cores Overall screen + drain wire YELLOW polyurethane outer sheath (1.8mm nominal thickness)	205	90	12.5
DC0340	Video Cable 1 x screened 0.34mm ² twisted quad. 1 x 75 ohm co-axial pair. 2 x 1.34mm ² single cores. ORANGE polyurethane sheath, (1.2 mm RT)	110	40	9.2
DCS0005	Mini TV cable (NC08) 1 x 1.34mm ² screened pair, 1 x 0.5mm ² screened pair 1 x 0.22mm ² twisted pair, 1 x 1.34mm ² core 1 x 75W mini coax, void filled assembly, overall screen + drain wire ORANGE polyurethane outer sheath (1.4mm nominal thickness)	170	75	11.0
DCS0015	Mini TV cable (NC08) – c/w strength braid 1 x 1.34mm ² screened pair, 1 x 0.5mm ² screened pair, 1 x 0.22mm ² twisted pair, 1 x 1.34mm sq core 1 x 75W mini coax, void filled assembly, Overall screen + drain wire Polyester strength braid (500kg minimum break strength) ORANGE polyurethane outer sheath (1.5mm nominal thickness)	190	70	12.0
DCS0016	Mini TV cable (NC08) – c/w cut protection braid 1 x 1.34mm ² screened pair, 1 x 0.5mm ² screened pair 1 x 0.22mm ² twisted pair, 1 x 1.34mm ² core 1 x 75W mini coax, void filled assembly, overall screen + drain wire, Inner polyurethane sheath, Stainless steel braid ORANGE polyurethane outer sheath (1.7mm nominal thickness)	310	120	15.5
DCS0011	Video cable (NC13) 2 x 1.34mm ² twisted pairs, 1 x 0.5mm ² screened pair 1 x 0.22mm ² screened quad, 2 x 1.00mm ² cores 1 x 75W mini coax, void filled assembly, Overall screen + drain wire ORANGE polyurethane outer sheath (1.8mm nominal thickness)	265	95	14.5
DCS0004	Power cable 3 x 1.5mm ² cores (440V rated) RED polyurethane outer sheath (1.9mm nominal thickness)	115	35	10.0
DCS0017	Power cable 4 x 2.5mm ² cores (1000V rated) RED polyurethane outer sheath (1.8mm nominal thickness)	195	75	12.0
DCS0018	Signal / Diver monitoring cable 1 x 1.0mm ² screened pair RED polyurethane outer sheath (1.17mm nominal thickness)	55	19	6.7