

## 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	<b>Communication cable – c/w strength braid</b> 2 x 0.5mm <sup>2</sup> screened pairs Polyester strength braid (500kg minimum break strength) RED polyurethane outer sheath (1.7mm nominal thickness)	120	25	11.0
DCS0012	<b>Communication / Diver monitoring cable</b> 2 x 0.5mm <sup>2</sup> screened pairs, 2 x 0.5mm <sup>2</sup> cores RED polyurethane outer sheath (1.8mm nominal thickness)	120	30	10.5
DCS0014	<b>Combined communication / video cable</b> 1 x 1.34mm <sup>2</sup> twisted pair, 2 x 1.0mm <sup>2</sup> screened pairs 1 x 0.5mm <sup>2</sup> screened pair, 2 x 1.0mm <sup>2</sup> cores 1 x 75W mini coax, void filled assembly RED polyurethane outer sheath (1.6mm nominal thickness)	270	115	14.0
DCS0013	<b>STP video / comms cable</b> 3 x 1.0mm <sup>2</sup> screened pairs , 2 x 1.0mm <sup>2</sup> cores Overall screen + drain wire YELLOW polyurethane outer sheath (1.8mm nominal thickness)	205	90	12.5
DC0340	<b>Video Cable</b> 1 x screened 0.34mm <sup>2</sup> twisted quad. 1 x 75 ohm co-axial pair. 2 x 1.34mm <sup>2</sup> single cores. ORANGE polyurethane sheath, (1.2 mm RT)	110	40	9.2
DCS0005	<b>Mini TV cable (NC08)</b> 1 x 1.34mm <sup>2</sup> screened pair, 1 x 0.5mm <sup>2</sup> screened pair 1 x 0.22mm <sup>2</sup> twisted pair, 1 x 1.34mm <sup>2</sup> 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	<b>Mini TV cable (NC08) – c/w strength braid</b> 1 x 1.34mm <sup>2</sup> screened pair, 1 x 0.5mm <sup>2</sup> screened pair, 1 x 0.22mm <sup>2</sup> 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	<b>Mini TV cable (NC08) – c/w cut protection braid</b> 1 x 1.34mm <sup>2</sup> screened pair, 1 x 0.5mm <sup>2</sup> screened pair 1 x 0.22mm <sup>2</sup> twisted pair, 1 x 1.34mm <sup>2</sup> 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	<b>Video cable (NC13)</b> 2 x 1.34mm <sup>2</sup> twisted pairs, 1 x 0.5mm <sup>2</sup> screened pair 1 x 0.22mm <sup>2</sup> screened quad, 2 x 1.00mm <sup>2</sup> 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	<b>Power cable</b> 3 x 1.5mm <sup>2</sup> cores (440V rated) RED polyurethane outer sheath (1.9mm nominal thickness)	115	35	10.0
DCS0017	<b>Power cable</b> 4 x 2.5mm <sup>2</sup> cores (1000V rated) RED polyurethane outer sheath (1.8mm nominal thickness)	195	75	12.0
DCS0018	<b>Signal / Diver monitoring cable</b> 1 x 1.0mm <sup>2</sup> screened pair RED polyurethane outer sheath (1.17mm nominal thickness)	55	19	6.7