

# Subsea Engineering Handbook

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| TABLE 1 Cable Types And Configurations | Voltage (kV) | 132 | 220  | 400  | 275  | 400                            |
|--|--------------|-----|------|------|------|--------------------------------|
| Cable Type                             | 3C           | 3C  | 3C   | SC   | SC   | Per Cable Power Transfer       |
|  | 120          | 220 | 400  | 515  | 1000 | No Of Cables (to Transmit 1GW) |
|  | 6            | 4   | 2    | 7*   | 4*   | Charging Current/km            |
|  | 3.5          | 7.4 | 11.8 | 10   | 16.8 | Charging Current MW            |
|  | 2.1          | 15  | 74.2 | 18.4 | 56   | Ohmic Cable Loss In MW         |
|  | 5.8          | 5   | ...  |      |      |                                |

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