



GENERAL PRODUCT DESCRIPTION

Two-Conductor, Windflex LSOH Cable
with EPR Insulated Conductors
with an Overall XLPO Jacket

- Submittal Date:** 9 November 2006
- Scope:** Two-conductor, Windflex LSOH Power Cable with ethylene propylene rubber (EPR) insulated conductors, an EPR inner jacket, with an overall cross-linked polyolefin (XLPO) outer jacket. These cables are intended for use at medium mechanical stresses in wind turbines.
- Conductor:** Flexible stranded, soft drawn, bare copper per IEC 60228, Class 5.
- Insulation:** Heat and moisture resistant, ethylene propylene rubber. The insulation is suitable for use in wet or dry locations at a temperature not exceeding 90 °C. The insulation thickness is in accordance with Table 1 below.
- Assembly:** The insulated conductors are cabled together.
- Color Code:** Blue, Brown
- Jacket (Inner Layer):** Heat and moisture resistant, ethylene propylene rubber. The jacket thickness is in accordance with Table 1 below.
- Jacket (Outer Layer):** Heat and moisture resistant, black, low-smoke, zero halogen, cross-linked polyolefin. The jacket thickness is in accordance with Table 1 below.
- Identification:** The conductors will have the following information printed:
(H)07RN-F WINDFLEX LSOH 2X6 -40C - +90C DRAKA PA "production year & week of manufacture" "sequential meter print"

Table 1

Number & Circuit Conductor Size (mm ²)		Average Insulation Thickness (mils)	Average Inner Jacket Thickness (mils)	Average Outer Jacket Thickness (mils)	Nominal Cable O.D. (in)	Nominal Cable Weight (lbs/Mft)
size	strand					
2 - 6 mm ²	84/0118	43	35	83	0.695	278