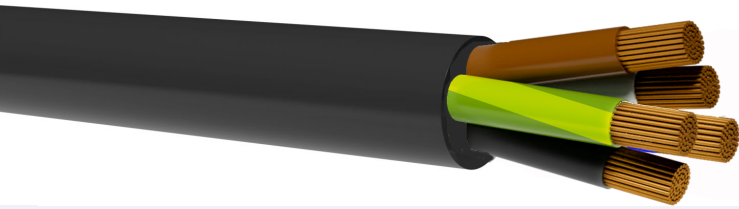


07RN-F

5G120

Model Product: - 20250807



EXTREMELY FLEXIBLE CABLES FOUR ENERGY TRANSMISSION RUBBER INSULATED WITH SPECIAL SHEATH SUITED FOR FIXED LAY, MOBILE LINK AND MECHANICAL SERVICE HEAVY TOO

Class 5 flexible copper conductor.
Elastomeric mixture Insulation in EI4 quality.
Polychloroprene sheath, EM2.

STANDARDS

CEI EN 50525-2-21 pqa CEI 20-107/2-21 pqa CEI 20-19/4 pqa
EN 60332-1-2 EN 60811 403/504/505/506 EN 50396

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 3)

Nominal voltage U0: 450 V

Nominal voltage U: 750 V

Test voltage: 2500 V

Maximun voltage Um: 1000V Installazioni Fisse / for fixed and protected installation

Maximun operating temperature: +60°C(+90°C)

Maximun short circuit temperature: +200°C(+250°C)

Minimum installation and laying temperature: -25°C(-40°C)

Min. operating temperature (without mechanical shocks): -40°C(-50°C)

COMMON FEATURES

This cable is suitable for dry, humid or wet environments in open air, in workshops with an explosive atmosphere. When used for connections they're subjected to medium/severe mechanical stress. It can be used even in fixed laying like floors and temporary construction site set offs.

Special Features:

-OZONE RESISTANT (Test A) and (Test B). UV Resistant. AG3 Shock Resistant. Excellent resistance to mineral oils, fats, AF3, and atmospheric agents AK2. Resistance to alternate bending

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):

Fixed installation D<8=3D D<12=3D D<20=4D D>20=4D

Free Movement D<8=4D D<12=4D D<20=5D D>20=6D

Maximum pulling stress: 15 N/mm² section of copper dynamic applications, for fixed 50 N/mm²

PACKING

drums to agree.

CORE COLOURS

Five cores: 27 / 5.000 blue brown black grey G/V

SHEATH COLOUR

Black

INK MARKING

Meter GENERAL CAVI-year-07RN-F 5G120 -form x sect-iwo

Cores number	Cross section	Approx conductor diameter	Insulation medium thickness	Approx external production diameter	Approx cable weight	Electric resistance at 20°C	Mobile service Current carrying capacities at 60°C conductor temp	Current rating for fixed installation at 90°C of conductor temp. air in trifoil
(N°)	(mm ²)	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)	(A)	(A)
Five cores								
5G	120	15.1	1.80	61.13	7960	0.161	246	325