



• Application

The NF C33-210 low voltage power distribution underground cables are designed for establishing low voltage 0.6/1 KV underground networks of the H1 XDV-AS series, serving as integral components in the creation of low-carbon power grid systems for distributing electricity in public networks, whether buried or aerial.

• Performance

Rated Voltage : 0.6/1 kV.
Test Voltage : 3.5 kV for 15 minutes.
Resistance of the sheath to voltage surges : 1.2/50 μ s with positive or negative polarity and a peak value of 20 kV.

• Construction

Core: Class 2 sectoral-shaped wired aluminum phase core or Class 1 solid round aluminum neutral core.
Insulation: Insulated with black cross-linked polyethylene, marked for easy phase identification.
Protection: Inflatable hydro-blocking cords are placed in center and peripheral gaps for enhanced environmental protection. A double ribbon metal screen made of galvanized steel shields the neutral conductor.
Waterproofing: Swelling powder on the metal screen ensures waterproofing.
Exterior: The cables are encased in a black PVC outer sheath, resistant to UV and weather damage.

• Specification

-NF C 33-210 overhead electrical power cables

• Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.
CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

• Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



• National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China.
We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

No.of Cores × Nominal Cross Section Area	Approx. Outer Diameter	Physical Performance Parameters			
		Approximate Weight	Allowable Current in Amps (1)		Voltage Drop cosØ=0.8
			In the open air 30°C	In the ground 20°C	
mm²	mm	kg/km	-	-	V/A/km
3×95+1×75M(50E)	35	1650	260	254	0.64
3×150+1×95M(70E)	41.1	2400	334	324	0.45
3×240+1×115M(95E)	51.4	3500	435	425	0.30
3×240+1×120M(95E)	51.4	3500	435	425	0.30