



DIRECTORATE GENERAL, CRPF
EAST BLOCK-7, SECTOR-1, R.K PURAM, NEW DELHI-66
e-mail : digeqpt@crpf.gov.in Tele No. 011-26109038



No. B.V-7/2025-26-C-(JWD)-QR CELL

Dated, the 17th March 2026

To

1. The DsG: AR, BSF, CISF, ITBP, NSG, SSB and BPR&D
2. Director, DCPW

Subject: QRs/TDs OF "FIELD TELEPHONE CABLE (JWD-I)" REGARDING.

I am directed to refer to the subject mentioned above and to say that the QRs/TDs of "**Field Telephone Cable (JWD-I)**" have been approved by the DG CRPF after due deliberations and as per recommendations of Sub-Group of Technical Experts from CAPFs and experts from DCPW.

2. Hence, QRs/TDs of "**Field Telephone Cable (JWD-I)**" forwarded earlier vide letter No. B.V-7/2013-14-C (QRs)-(7) dated 08/12/2014 stand rescinded please.

Encl:-As above

(Rajendra Singh Shekhawat)
DIG (Equipment)
Communication & IT Branch
Directorate General C R P F

No. B.V-7/2025-26-C-(JWD)-QR CELL

Dated, the 17th March 2026

Copy to:-

1. Mr. Deepak Kumar, Technical Director, North block, MHA (e-mail ID: deepakg@gov.in) with request to upload the QRs/TDs of "Field Telephone Cable (JWD-I)" on MHA website and QRs/TDs of "Field Telephone Cable (JWD-I)" forwarded earlier vide letter No. B.V-7/2013-14-C (QRs)-(7) dated 08/12/2014 stand rescinded please.

Encl:-As above

(Rajendra Singh Shekhawat)
DIG (Equipment)
Communication & IT Branch
Directorate General C R P F

QRs/TDs of FIELD TELEPHONE CABLE (JWD-I)

SN	Parameter	Specifications	Trial Directives
1	Characteristics		
(i)	Conductor	(a) Copper wires used for conductor shall be 4 no of size 0.29mm \pm 5% in diameter (b) Galvanized steel wires used for tensile strength shall be 3 no of size 0.29mm \pm 10% in diameter	BOO will Check physically
(ii)	Insulation	(a) Insulation materials should be of High-Density Poly Ethylene (HDPE) (b) Overall Diameter of each insulated conductor shall be 2.36mm \pm 0.1mm	OEM certificate or Test report from any Govt accredited laboratory
(iii)	Twisting	Twisting pitch at 210 mm maximum averaged over 3M length to form a twisted pair	BOO will Check physically
2	Performance		
(i)	Temp Range	-40°C to 80°C	OEM certificate or Test report from any Govt accredited laboratory
(ii)	Resistance of core	76 ohm/Km is maximum Resistance of core at 20°C	
(iii)	Test voltage	1 KVA AC	
(iv)	Pair Capacitance	Capacitance Value of (37 \pm 2) pf/m	
(v)	Impedance	600 Ohm \pm 10% at 1.6 KHz	
(vi)	Attenuation	1.6 dB/Km at 1.6 khz (The measured attenuation constant shall not exceed by more than 5 % of the specified value for 1.6 km cable)	
(vii)	Breaking strength	Minimum breaking load of the single strained of insulated strand shall not be less than 38 kg.	
3	Standard Length	The standard length of wire of every spool/Drum should be 1600 meter \pm 1 % or 1000 mtr \pm 1% (User may quote length in drum during tender	BOO will Check physically

SN	Parameter	Specifications	Trial Directives
4	Spool Drum	Suitable for storage and transportation of JWD Cable.	BOO will Check physically
5	Colour	Colour of the cable will be Black	BOO will Check physically

Vikas

W/O Vikas Godara
Assam Rifles

Manish

AC-II Manish Kumar
NSG

Satish

Satish Kumar Mahla, AC
SSB

Manas Kumar Dey
9/3/26

Manas Kumar Dey, AC
CISF

Ujjwal

Ujjwal Kumar Singh
AC(QRs), CRPF

Sunil

Sunil Kumar, AD
DCPW

Binay

Binay Kumar, AD
BPR&D

Praveen

Praveen Singh Rawat, DC
BSF

Rajendra Singh Shekhawat
9/3/26

Rajendra Singh Shekhawat
DIG(Comn/Eqpt), CRPF

Vijay

Vijay Kumar
IG (Comn& IT), CRPF

Zaki Ahmad
1-3

Zaki Ahmad
SDG (ADM), CRPF

Approved/Not Approved

Gyanendra

Gyanendra Pratap Singh, IPS
DG, CRPF