



BHARAT SANCHAR NIGAM LIMITED

(A GOVT. OF INDIA ENTERPRISE)
QUALITY ASSURANCE AND INSPECTION CIRCLE
Sanchar Vikas Bhavan,
Residency Road, Jabalpur-482 001

TECHNICAL SPECIFICATION EVALUATION CERTIFICATE

No. TSEC/NCR/J/BB DROP/036. MAY 2019

Date: 08.05.2019

THIS IS TO CERTIFY THAT THE PRODUCT DESCRIBED BELOW CONFORMS TO TEC SPECIFICATION (GR) No. MENTIONED BELOW AND IS APPROVED FOR PROCUREMENT BY BSNL. THIS CERTIFICATE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS STIPULATED IN THE ANNEXED LETTER.

PRODUCT: Broadband Drop cable.

MODEL No.: Nil

SPECIFICATION NO. : BSNL Co. NWP-BB Cell letter no.
64-225/2012-BB dtd. 20.12.2016.

SOFTWARE NIL
VERSION :
(IF ANY)

ISSUED ON: 08.05.2019

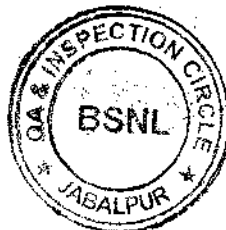
VALID UP TO: 30.11.2020

ISSUED TO M/s Uniwire Cables India Pvt. Ltd.,
(Manufacturer): A-590 D, RIICO Industrial Area, Phase-I,
Bhiwadi, Distt. Alwar, Rajasthan-301019

Raw Material Used:

Source of Copper wire : M/s Bhagya Wire & Chemical Industries.
Source of Insulation material : HDPE without UV Grade: BLS-4444 of M/s BLS Polymers Ltd., Goa.
Source of Sheath material : HDPE with UV Grade: BLS-8888 of M/s BLS Polymers Ltd., Goa.
Source of Fiber roving : 2400TEX of M/s Dhingra Plastic & Plastiscisers Pvt. Ltd, New Delhi.

REMARKS: 1. Cross Sectional Construction as per Annexure-A.
2. ESCR Test set up is to be verified before BPC.
3. Cable pair colours should be blue & white with red marking throughout the length.
4. This TSEC is issued due to regularization of TSEC No. TSEC/NCR/J/BB DROP/189. NOV 2017 dated 03.11.2017 after receiving successful field Performance report and supersedes the same.



[Signature]
AGM (TSE) 28/05/19
O/o CGM (QA & INSP), JBP



ANNEXURE

No. TSEC/NCR/J/BB DROP/036. MAY 2019

Date: 08.05.2019

I. TERMS AND CONDITIONS

- i) QA & Inspection Circle may at any time and at its absolute discretion, for any reason(s) as it deems fit, suspend or cancel the TECHNICAL SPECIFICATION EVALUATION CERTIFICATE (TSEC). QA & Inspection Circle may modify any of the terms of the Certificate or specifications which the holder must at his own expense may comply with.
- ii) **No modification without necessary permission /approval from QA & Inspection Circle is permitted in design (Hardware/Software), Engineering and /or facilities in the approved model subsequent to the issue of this certificate. In case of any modification in the product without permission/approval from QA & Inspection Circle, the certificate shall be deemed to have been cancelled and may need fresh certificate.**
- iii) During the validity of certificate, QA & Inspection Circle reserves the right to inspect and or test this product at any premises where it is in use, or at the place of manufacturer. If any deterioration in performance of the approved product is noticed during inspection and / or testing or its use in BSNL/BBNL/MTNL network, the QA & Inspection Circle reserves the right to cancel/suspend the Certificate.
- iv) In case of any dispute at any stage during the validity of this Approval the verdict of the Competent Authority of BSNL QA & Inspection Circle shall be final and binding on the manufacturer.
- v) The certificate is valid only up to the date mentioned in the certificate and may be renewed, if required, by applying at least three months prior to the expiry date of this certificate. After expiry of the certificate, the case will be treated as a fresh case.
- vi) Issue of this Approval does not give any assurance that the BSNL shall necessarily place order on the manufacturer for this product. It merely qualifies the product for meeting the clauses of the relevant Generic Requirement (GR). Actual supply of equipment to BSNL shall depend on their procurement policy and procedures.
- vii) For any change in Source / Raw material, approval/consent of QA & Inspection circle should be obtained.
- viii) The Approved equipment/product shall be clearly marked or affixed with following
 - a) Trade name, Model No. And Serial number
 - b) Manufacturer or Traders name
 - c) TSEC number

II Infrastructure Assessment No. : CGM(QA&I)/TSEC/NCR/J/IA/17-18/056 Dated 25.10.2017 valid up to 31.10.2022.

AGM (TSE) 08/05/19
O/o CGM (QA & INSP), JBP

TO:

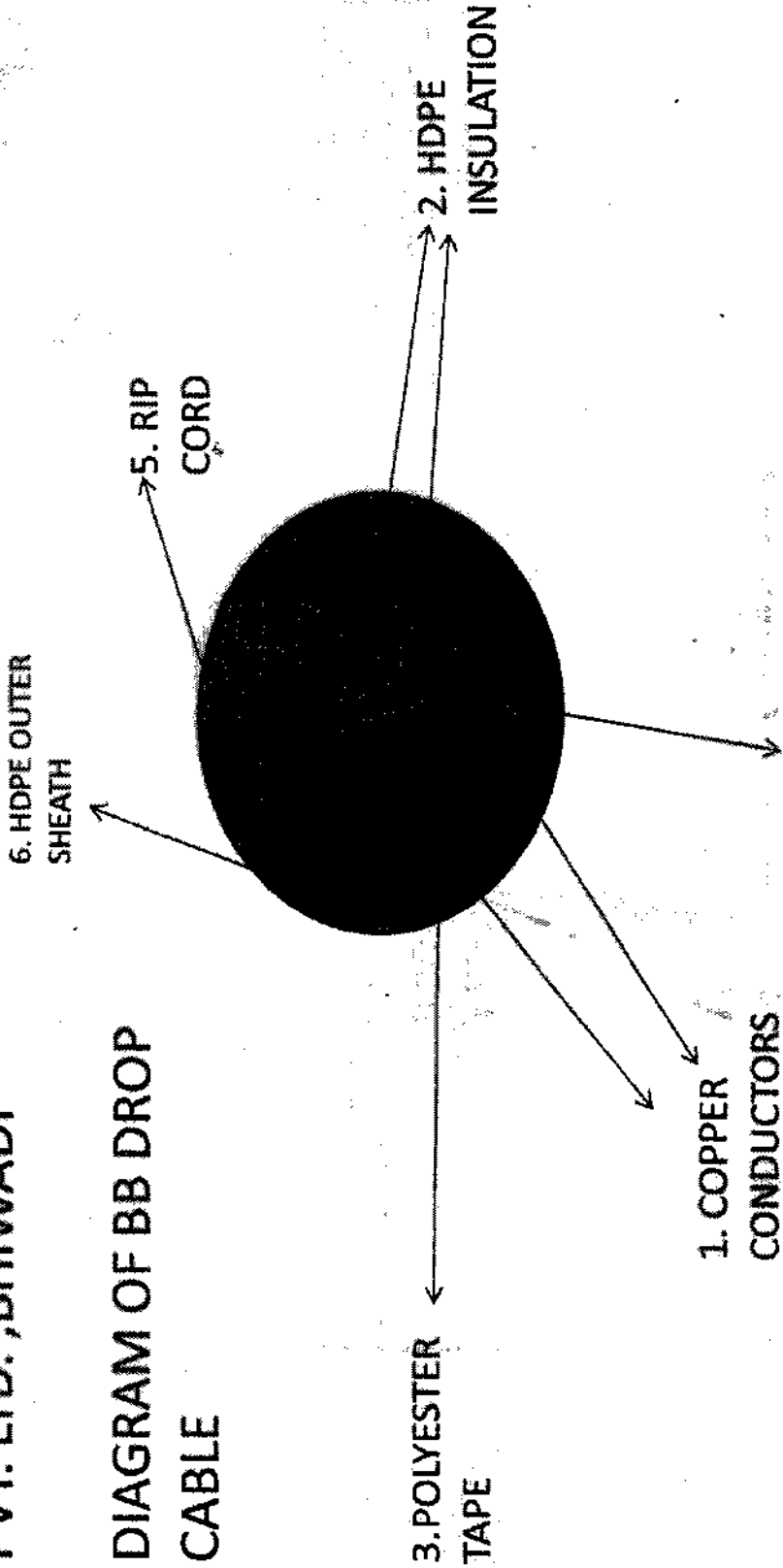
1. Sr. DDG, TEC, K.L.Bhavan, Janpath, New Delhi
2. GM (NWP-CDMA WiMAX), Bharat Sanchar Bhavan, Harishchandra Mathur Lane, Janpath, New Delhi-01
3. PGM (MM) , Bharat Sanchar Bhavan, Janpath, New Delhi
4. PGM (North), QA & Inspection Circle, New Delhi.
5. GM (CACT), QA & Inspection Circle, Bangalore
6. DGM (CG), QA & Inspection Circle, Bangalore.
7. DGM (NCR), QA & Inspection Circle, New Delhi.
8. Applicant: **M/s Uniwire Cables India Pvt. Ltd., A-590 D, RIICO Industrial Area, Phase-I, Bhiwadi, Distt. Alwar, Rajasthan-301019.**
9. Office copy/ Guard file.



SDE (TSA)
O/o CGM (QA & INSP), JBP

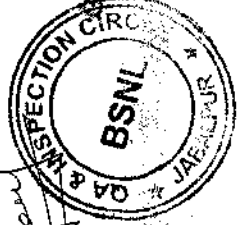
**UNIWIRE CABLES INDIA
PVT. LTD. ,BHIWADI**

**DIAGRAM OF BB DROP
CABLE**



[Handwritten Signature]

[Handwritten Signature]



Sub Divisional Engineer
O/o DET (QA) BSNL
Gurgaon-122001 (Haryana)