



National Wire & Cable

Custom Cable Manufacturing

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(NWC: Dynatronic Cable Engineering Division)

Technical data on Seismic Digital Data Transmission Twisted Pair Type D-2520-X

Qualified for use with the Sercel/Syntron "Syntrak" system streamer cables

Mechanical:

Outer Covering	Free-flooding braid	Free-flooding braid
Insulation Type	Modified Polyolefin	Modified Polyolefin
Diameter over cover	0.272 inch, nom.	6.9 mm
Temperature Range:	-50.°C. to + 80.°C	-50.°C. to + 80.°C
Weight (Dry, in air)	17. pounds/1000 feet	25.3 KG/KM
Installation Tension per wire	16. pounds suggested max	7.3 KG suggested max.

Electrical:

Characteristic Impedance:	135. Ohms	135. Ohms
Capacitance in air, reeled:	12.1 Picofarads/ Foot	39.7 Picofarads/ Meter
RF Loss at 20. Mhz, dry:	-1.25 db/100 feet	-4.1 db/100 Meter
High Voltage Test:	5000. VAC 60 Hz.	5000. VAC 60 Hz.

Notes:

- 1- Every length is RF sweep-tested to verify proper performance. Loss plot provided with each length.
- 2- All cable goes through our proprietary "Normalization" process. OK in Niroma, Isopar M, Streamer 9
- 3-Color Code: This cable is available with a choice of colors for the two paired wires. The part number suffix (-X) shown below is used to specify a given color combination. Colors will be pastel.

Pair Color	Part Dash #
Natural Trans. Paired with Black:	-0
Natural Trans. Paired with Brown:	-1
Natural Trans. Paired with Red:	-2
Natural Trans. Paired with Orange:	-3
Natural Trans. Paired with Yellow:	-4

Pair Color	Part Dash #.
Natural Trans. Paired with Green:	-5
Natural Trans. Paired with Blue:	-6
Natural Trans. Paired with Violet:	-7
Natural Trans. Paired with Gray:	-8
Natural Trans. Paired with White:	-9

