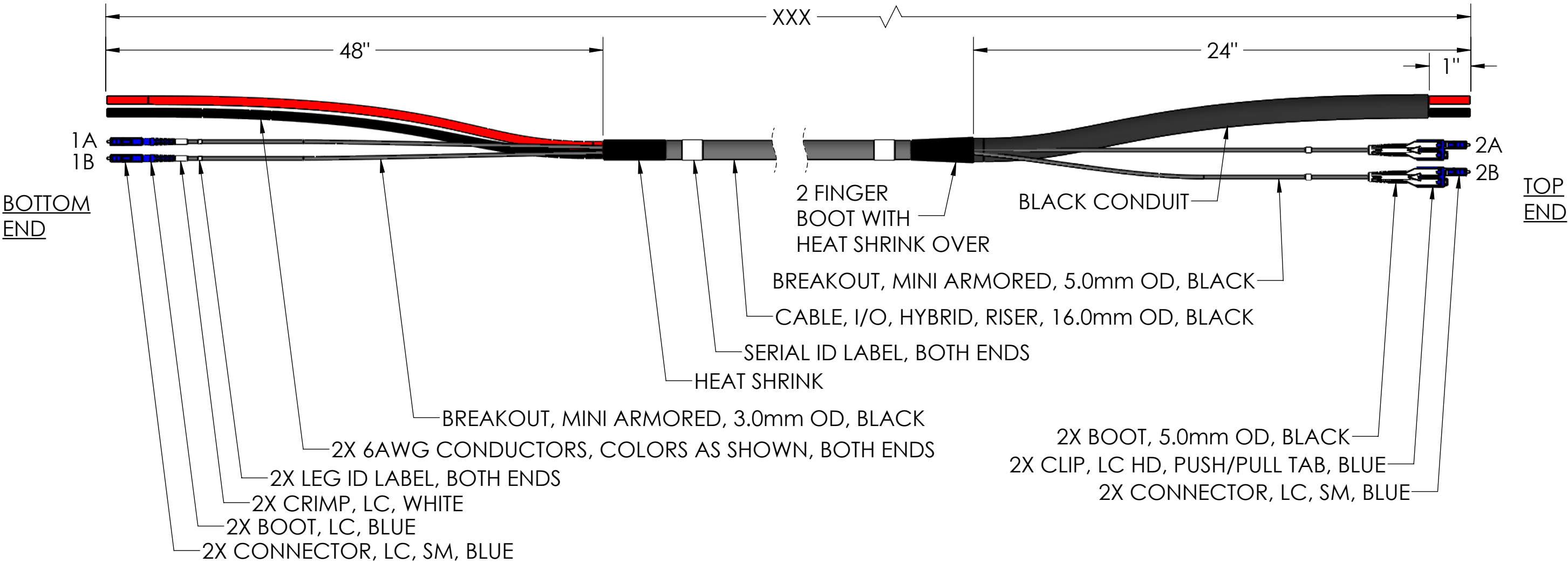


NOTES:  
1. CABLE BAG TO INCLUDE PART NUMBER AND DESCRIPTION

| REVISIONS |                          |          |             |
|-----------|--------------------------|----------|-------------|
| REV.      | DESCRIPTION              | DATE     | APPROVED BY |
| 00        | INITIAL RELEASE          | 01-25-23 | BDLS        |
| 01        | UPDATED CHART & CALLOUTS | 03-27-25 |             |



| INSERTION LOSS AND RETURN LOSS |                            |           |             |                    |                                | TESTING STANDARDS            |
|--------------------------------|----------------------------|-----------|-------------|--------------------|--------------------------------|------------------------------|
| CHARACTERISTICS                | STANDARD                   | MULTIMODE |             | SINGLEMODE         |                                |                              |
|                                |                            | MTP/MPO   | LC,SC,ST,FC | MTP/MPO/OptiTip MT | LC,SC,ST,FC; ( -APC & OptiTap) |                              |
| Insertion Loss                 | TIA 568-C.3                | .75dB     | .75dB       | .75dB              | .75dB                          | - TIA-445-171 Insertion Loss |
| Maximum                        | Netsource, Inc. (STD LOSS) | ≤ 0.30 dB | ≤ 0.25 dB   | ≤ 0.35 dB          | ≤ 0.20 dB                      | - TIA-455-107 Return Loss    |
| Typical                        | Netsource, Inc. (LOWLOSS)  | ≤ 0.20 dB | ≤ 0.15 dB   | ≤ 0.25 dB          | ≤ 0.15 dB                      | - IEC-61300-3-35 Visual      |
| Return Loss                    | TIA 568-C.3                | -20dB     | -20dB       | -26dB              | -26dB                          | - FOTP-171 Method A or C     |
| Minimum                        | Netsource, Inc.            | ≤ -25 dB  | ≤ -25 dB    | ≤ -65 dB           | ≤ - 58 dB ; ( ≤ - 65 dB )      | - RoHS/REACH Compliant       |

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**NetSource, Inc.**  
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Manchester, CT 06042  
Tel (860) 649-6000  
www.netsource-inc.com

TITLE:

DRAWN BY:  
TA

DATE:  
01-25-23

SIZE:  
CUSTOM

PART NUMBER:

REV: 01

INITIATED BY:  
SUS

DATE:  
01-25-23

SCALE:  
CUSTOM

**HE02SMA1LC663VX-XXX**

SHEET:  
1 OF 1