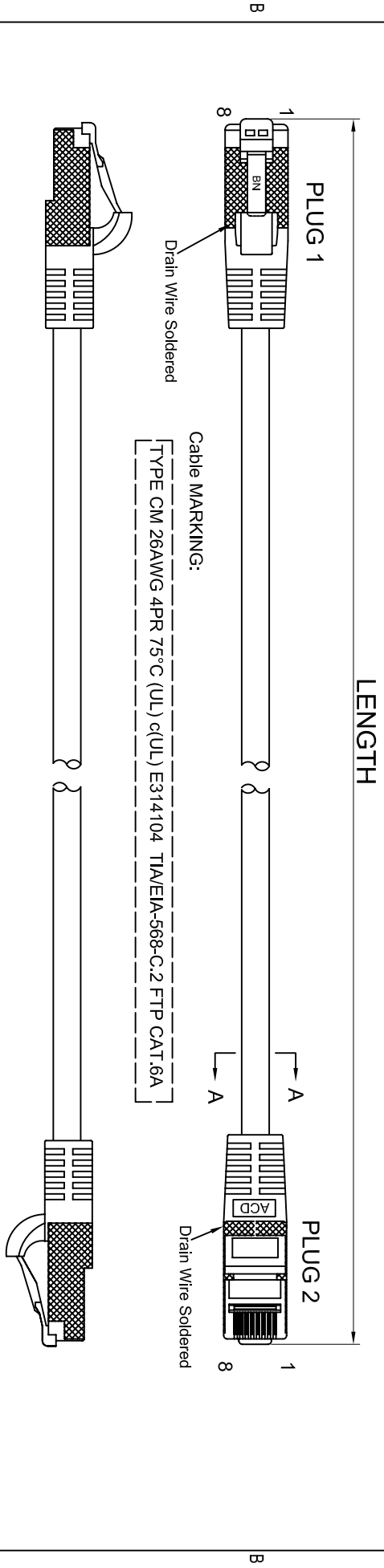
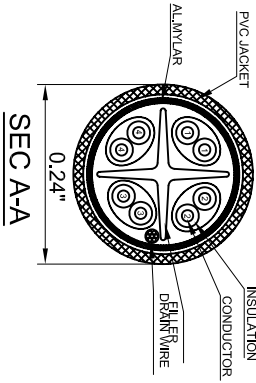


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL CABLES ON DEMAND. ANY REPRODUCTION OR DISCLOSURE, TO THIRD PARTIES, IN PART OR WHOLE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMPHENOL CABLES ON DEMAND IS PROHIBITED.

| REV. | DESCRIPTION                                                 | REVISIONS | DATE        | APPROVED |
|------|-------------------------------------------------------------|-----------|-------------|----------|
| A    | COMBINED DWG OF MP-6ARJ45SNNB-XXX, NNG, NNK, NNR, NNY, NNW. |           | 18/Sep/2019 |          |
| A1   | Added MP-6ARJ45SNNNA-XXX                                    |           | 07/Apr/2020 |          |
| A2   | Added MP-6ARJ45SNNK-001, SFT                                |           | 24/Mar/2021 |          |



| PIN OUT: T568B |          |              |
|----------------|----------|--------------|
| PLUG 1         | PLUG 2   | COLOR        |
| PIN 1          | PIN 1    | WHITE/ORANGE |
| PIN 2          | PIN 2    | ORANGE       |
| PIN 3          | PIN 3    | WHITE/GREEN  |
| PIN 4          | PIN 4    | BLUE         |
| PIN 5          | PIN 5    | WHITE/BLUE   |
| PIN 6          | PIN 6    | GREEN        |
| PIN 7          | PIN 7    | WHITE/BROWN  |
| PIN 8          | PIN 8    | BROWN        |
| Shielded       | Shielded | DRAIN WIRE   |



Cable & SR Color: Blue, Green, Black, Red, Yellow, White, Gray.



| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE: |        |      | E&R NO.   |             | Amphenol Cables on Demand<br>20 VALLEY ST. ENDICOTT, NY 13760 |                      |
|---------------------------------------------------------------------------|--------|------|-----------|-------------|---------------------------------------------------------------|----------------------|
| DENOM.                                                                    | ANGLES |      | APPROVALS | DATE        | ASM CBL RJ45/RJ45 CAT.6A FTP                                  |                      |
| .X                                                                        | ±.X    | ±.X" | DRAWN     | 18/Sep/2019 |                                                               |                      |
| .XX                                                                       | ±.XX   |      | LF        |             |                                                               |                      |
| .XXX                                                                      | ±.XXX  |      | CHECKED   | 18/Sep/2019 |                                                               |                      |
| THIRD ANGLE PROJECTION                                                    |        |      | RESP ENG  |             |                                                               |                      |
|                                                                           |        |      | MFG ENG   |             |                                                               |                      |
|                                                                           |        |      |           |             | SIZE DWG. NO.                                                 | REV.                 |
|                                                                           |        |      |           |             | A                                                             | MP-6ARJ45SNNX-XXX A2 |

NOTES: UNLESS OTHERWISE SPECIFIED

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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL CABLES ON DEMAND. ANY REPRODUCTION OR DISCLOSURE, IN PART OR WHOLE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMPHENOL CABLES ON DEMAND IS PROHIBITED.

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| MP-6ARJ455NNB-XXX (BLUE) |                       |
|--------------------------|-----------------------|
| P/N                      | LENGTH                |
| MP-6ARJ455NNB-001        | 1FT(304.8+30/-0mm)    |
| MP-6ARJ455NNB-002        | 2FT(609.6+30/-0mm)    |
| MP-6ARJ455NNB-003        | 3FT(914.4+30/-0mm)    |
| MP-6ARJ455NNB-004        | 4FT(1219.2+50/-0mm)   |
| MP-6ARJ455NNB-005        | 5FT(1524+50/-0mm)     |
| MP-6ARJ455NNB-006        | 6FT(1828.8+75/-0mm)   |
| MP-6ARJ455NNB-007        | 7FT(2133.6+75/-0mm)   |
| MP-6ARJ455NNB-008        | 8FT(2438.4+75/-0mm)   |
| MP-6ARJ455NNB-009        | 9FT(2743.2+100/-0mm)  |
| MP-6ARJ455NNB-010        | 10FT(3048+100/-0mm)   |
| MP-6ARJ455NNB-011        | 11FT(3352.8+100/-0mm) |
| MP-6ARJ455NNB-012        | 12FT(3657.6+100/-0mm) |
| MP-6ARJ455NNB-013        | 13FT(3962.4+100/-0mm) |
| MP-6ARJ455NNB-014        | 14FT(4267.2+100/-0mm) |
| MP-6ARJ455NNB-015        | 15FT(4572+100/-0mm)   |
| MP-6ARJ455NNB-016        | 16FT(4876.8+150/-0mm) |
| MP-6ARJ455NNB-017        | 17FT(5181.6+150/-0mm) |
| MP-6ARJ455NNB-018        | 18FT(5486.4+150/-0mm) |
| MP-6ARJ455NNB-019        | 19FT(5791.2+150/-0mm) |
| MP-6ARJ455NNB-020        | 20FT(6096+150/-0mm)   |
| MP-6ARJ455NNB-025        | 25FT(7620+150/-0mm)   |
| MP-6ARJ455NNB-030        | 30FT(9144+150/-0mm)   |
| MP-6ARJ455NNB-050        | 50FT(15240±200mm)     |
| MP-6ARJ455NNB-065        | 65FT(19812±200mm)     |

| MP-6ARJ455NNG-XXX (GREEN) |                       |
|---------------------------|-----------------------|
| P/N                       | LENGTH                |
| MP-6ARJ455NNG-001         | 1FT(304.8+30/-0mm)    |
| MP-6ARJ455NNG-002         | 2FT(609.6+30/-0mm)    |
| MP-6ARJ455NNG-003         | 3FT(914.4+30/-0mm)    |
| MP-6ARJ455NNG-004         | 4FT(1219.2+50/-0mm)   |
| MP-6ARJ455NNG-005         | 5FT(1524+50/-0mm)     |
| MP-6ARJ455NNG-006         | 6FT(1828.8+75/-0mm)   |
| MP-6ARJ455NNG-007         | 7FT(2133.6+75/-0mm)   |
| MP-6ARJ455NNG-008         | 8FT(2438.4+75/-0mm)   |
| MP-6ARJ455NNG-009         | 9FT(2743.2+100/-0mm)  |
| MP-6ARJ455NNG-010         | 10FT(3048+100/-0mm)   |
| MP-6ARJ455NNG-011         | 11FT(3352.8+100/-0mm) |
| MP-6ARJ455NNG-012         | 12FT(3657.6+100/-0mm) |
| MP-6ARJ455NNG-013         | 13FT(3962.4+100/-0mm) |
| MP-6ARJ455NNG-014         | 14FT(4267.2+100/-0mm) |
| MP-6ARJ455NNG-015         | 15FT(4572+100/-0mm)   |
| MP-6ARJ455NNG-016         | 16FT(4876.8+150/-0mm) |
| MP-6ARJ455NNG-017         | 17FT(5181.6+150/-0mm) |
| MP-6ARJ455NNG-018         | 18FT(5486.4+150/-0mm) |
| MP-6ARJ455NNG-019         | 19FT(5791.2+150/-0mm) |
| MP-6ARJ455NNG-020         | 20FT(6096+150/-0mm)   |
| MP-6ARJ455NNG-025         | 25FT(7620+150/-0mm)   |
| MP-6ARJ455NNG-030         | 30FT(9144+150/-0mm)   |
| MP-6ARJ455NNG-050         | 50FT(15240±200mm)     |
| MP-6ARJ455NNG-065         | 65FT(19812±200mm)     |

| MP-6ARJ455NNK-XXX (BLACK) |                       |
|---------------------------|-----------------------|
| P/N                       | LENGTH                |
| MP-6ARJ455NNK-001         | 1FT(304.8+30/-0mm)    |
| MP-6ARJ455NNK-001.5       | 1.5FT(304.8+30/-0mm)  |
| MP-6ARJ455NNK-002         | 2FT(609.6+30/-0mm)    |
| MP-6ARJ455NNK-003         | 3FT(914.4+30/-0mm)    |
| MP-6ARJ455NNK-004         | 4FT(1219.2+50/-0mm)   |
| MP-6ARJ455NNK-005         | 5FT(1524+50/-0mm)     |
| MP-6ARJ455NNK-006         | 6FT(1828.8+75/-0mm)   |
| MP-6ARJ455NNK-007         | 7FT(2133.6+75/-0mm)   |
| MP-6ARJ455NNK-008         | 8FT(2438.4+75/-0mm)   |
| MP-6ARJ455NNK-009         | 9FT(2743.2+100/-0mm)  |
| MP-6ARJ455NNK-010         | 10FT(3048+100/-0mm)   |
| MP-6ARJ455NNK-011         | 11FT(3352.8+100/-0mm) |
| MP-6ARJ455NNK-012         | 12FT(3657.6+100/-0mm) |
| MP-6ARJ455NNK-013         | 13FT(3962.4+100/-0mm) |
| MP-6ARJ455NNK-014         | 14FT(4267.2+100/-0mm) |
| MP-6ARJ455NNK-015         | 15FT(4572+100/-0mm)   |
| MP-6ARJ455NNK-016         | 16FT(4876.8+150/-0mm) |
| MP-6ARJ455NNK-017         | 17FT(5181.6+150/-0mm) |
| MP-6ARJ455NNK-018         | 18FT(5486.4+150/-0mm) |
| MP-6ARJ455NNK-019         | 19FT(5791.2+150/-0mm) |
| MP-6ARJ455NNK-020         | 20FT(6096+150/-0mm)   |
| MP-6ARJ455NNK-025         | 25FT(7620+150/-0mm)   |
| MP-6ARJ455NNK-030         | 30FT(9144+150/-0mm)   |
| MP-6ARJ455NNK-050         | 50FT(15240±200mm)     |
| MP-6ARJ455NNK-065         | 65FT(19812±200mm)     |

| REV.                    | DESCRIPTION                                                   | REVISIONS | DATE        | APPROVED |
|-------------------------|---------------------------------------------------------------|-----------|-------------|----------|
| A                       | COMBINED DWG OF<br>MP-6ARJ455NNB-XXX, NNG, NNK, NNR, NNW, NNW |           | 18/Sep/2019 |          |
| A1                      | Added MP-6ARJ455NNK-XXX                                       |           | 07/Apr/2020 |          |
| A2                      | Added MP-6ARJ455NNR-001.5FT                                   |           | 24/Mar/2021 |          |
| MP-6ARJ455NNR-XXX (RED) |                                                               |           |             |          |
| P/N                     | LENGTH                                                        |           |             |          |
| MP-6ARJ455NNR-001       | 1FT(304.8+30/-0mm)                                            |           |             |          |
| MP-6ARJ455NNR-002       | 2FT(609.6+30/-0mm)                                            |           |             |          |
| MP-6ARJ455NNR-003       | 3FT(914.4+30/-0mm)                                            |           |             |          |
| MP-6ARJ455NNR-004       | 4FT(1219.2+50/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-005       | 5FT(1524+50/-0mm)                                             |           |             |          |
| MP-6ARJ455NNR-006       | 6FT(1828.8+75/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-007       | 7FT(2133.6+75/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-008       | 8FT(2438.4+75/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-009       | 9FT(2743.2+100/-0mm)                                          |           |             |          |
| MP-6ARJ455NNR-010       | 10FT(3048+100/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-011       | 11FT(3352.8+100/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-012       | 12FT(3657.6+100/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-013       | 13FT(3962.4+100/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-014       | 14FT(4267.2+100/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-015       | 15FT(4572+100/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-016       | 16FT(4876.8+150/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-017       | 17FT(5181.6+150/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-018       | 18FT(5486.4+150/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-019       | 19FT(5791.2+150/-0mm)                                         |           |             |          |
| MP-6ARJ455NNR-020       | 20FT(6096+150/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-025       | 25FT(7620+150/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-030       | 30FT(9144+150/-0mm)                                           |           |             |          |
| MP-6ARJ455NNR-050       | 50FT(15240±200mm)                                             |           |             |          |
| MP-6ARJ455NNR-065       | 65FT(19812±200mm)                                             |           |             |          |

MP-6ARJ455NNV-XXX (YELLOW)

| P/N               | LENGTH                |
|-------------------|-----------------------|
| MP-6ARJ455NNV-001 | 1FT(304.8+30/-0mm)    |
| MP-6ARJ455NNV-002 | 2FT(609.6+30/-0mm)    |
| MP-6ARJ455NNV-003 | 3FT(914.4+30/-0mm)    |
| MP-6ARJ455NNV-004 | 4FT(1219.2+50/-0mm)   |
| MP-6ARJ455NNV-005 | 5FT(1524+50/-0mm)     |
| MP-6ARJ455NNV-006 | 6FT(1828.8+75/-0mm)   |
| MP-6ARJ455NNV-007 | 7FT(2133.6+75/-0mm)   |
| MP-6ARJ455NNV-008 | 8FT(2438.4+75/-0mm)   |
| MP-6ARJ455NNV-009 | 9FT(2743.2+100/-0mm)  |
| MP-6ARJ455NNV-010 | 10FT(3048+100/-0mm)   |
| MP-6ARJ455NNV-011 | 11FT(3352.8+100/-0mm) |
| MP-6ARJ455NNV-012 | 12FT(3657.6+100/-0mm) |
| MP-6ARJ455NNV-013 | 13FT(3962.4+100/-0mm) |
| MP-6ARJ455NNV-014 | 14FT(4267.2+100/-0mm) |
| MP-6ARJ455NNV-015 | 15FT(4572+100/-0mm)   |
| MP-6ARJ455NNV-016 | 16FT(4876.8+150/-0mm) |
| MP-6ARJ455NNV-017 | 17FT(5181.6+150/-0mm) |
| MP-6ARJ455NNV-018 | 18FT(5486.4+150/-0mm) |
| MP-6ARJ455NNV-019 | 19FT(5791.2+150/-0mm) |
| MP-6ARJ455NNV-020 | 20FT(6096+150/-0mm)   |
| MP-6ARJ455NNV-025 | 25FT(7620+150/-0mm)   |
| MP-6ARJ455NNV-030 | 30FT(9144+150/-0mm)   |
| MP-6ARJ455NNV-050 | 50FT(15240±200mm)     |
| MP-6ARJ455NNV-065 | 65FT(19812±200mm)     |

MP-6ARJ455NNW-XXX (WHITE)

| P/N               | LENGTH                |
|-------------------|-----------------------|
| MP-6ARJ455NNW-001 | 1FT(304.8+30/-0mm)    |
| MP-6ARJ455NNW-002 | 2FT(609.6+30/-0mm)    |
| MP-6ARJ455NNW-003 | 3FT(914.4+30/-0mm)    |
| MP-6ARJ455NNW-004 | 4FT(1219.2+50/-0mm)   |
| MP-6ARJ455NNW-005 | 5FT(1524+50/-0mm)     |
| MP-6ARJ455NNW-006 | 6FT(1828.8+75/-0mm)   |
| MP-6ARJ455NNW-007 | 7FT(2133.6+75/-0mm)   |
| MP-6ARJ455NNW-008 | 8FT(2438.4+75/-0mm)   |
| MP-6ARJ455NNW-009 | 9FT(2743.2+100/-0mm)  |
| MP-6ARJ455NNW-010 | 10FT(3048+100/-0mm)   |
| MP-6ARJ455NNW-011 | 11FT(3352.8+100/-0mm) |
| MP-6ARJ455NNW-012 | 12FT(3657.6+100/-0mm) |
| MP-6ARJ455NNW-013 | 13FT(3962.4+100/-0mm) |
| MP-6ARJ455NNW-014 | 14FT(4267.2+100/-0mm) |
| MP-6ARJ455NNW-015 | 15FT(4572+100/-0mm)   |
| MP-6ARJ455NNW-016 | 16FT(4876.8+150/-0mm) |
| MP-6ARJ455NNW-017 | 17FT(5181.6+150/-0mm) |
| MP-6ARJ455NNW-018 | 18FT(5486.4+150/-0mm) |
| MP-6ARJ455NNW-019 | 19FT(5791.2+150/-0mm) |
| MP-6ARJ455NNW-020 | 20FT(6096+150/-0mm)   |
| MP-6ARJ455NNW-025 | 25FT(7620+150/-0mm)   |
| MP-6ARJ455NNW-030 | 30FT(9144+150/-0mm)   |
| MP-6ARJ455NNW-050 | 50FT(15240±200mm)     |
| MP-6ARJ455NNW-065 | 65FT(19812±200mm)     |

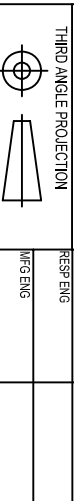
MP-6ARJ455NNA-XXX (GRAY)

| P/N               | LENGTH                |
|-------------------|-----------------------|
| MP-6ARJ455NNA-001 | 1FT(304.8+30/-0mm)    |
| MP-6ARJ455NNA-002 | 2FT(609.6+30/-0mm)    |
| MP-6ARJ455NNA-003 | 3FT(914.4+30/-0mm)    |
| MP-6ARJ455NNA-004 | 4FT(1219.2+50/-0mm)   |
| MP-6ARJ455NNA-005 | 5FT(1524+50/-0mm)     |
| MP-6ARJ455NNA-006 | 6FT(1828.8+75/-0mm)   |
| MP-6ARJ455NNA-007 | 7FT(2133.6+75/-0mm)   |
| MP-6ARJ455NNA-008 | 8FT(2438.4+75/-0mm)   |
| MP-6ARJ455NNA-009 | 9FT(2743.2+100/-0mm)  |
| MP-6ARJ455NNA-010 | 10FT(3048+100/-0mm)   |
| MP-6ARJ455NNA-011 | 11FT(3352.8+100/-0mm) |
| MP-6ARJ455NNA-012 | 12FT(3657.6+100/-0mm) |
| MP-6ARJ455NNA-013 | 13FT(3962.4+100/-0mm) |
| MP-6ARJ455NNA-014 | 14FT(4267.2+100/-0mm) |
| MP-6ARJ455NNA-015 | 15FT(4572+100/-0mm)   |
| MP-6ARJ455NNA-016 | 16FT(4876.8+150/-0mm) |
| MP-6ARJ455NNA-017 | 17FT(5181.6+150/-0mm) |
| MP-6ARJ455NNA-018 | 18FT(5486.4+150/-0mm) |
| MP-6ARJ455NNA-019 | 19FT(5791.2+150/-0mm) |
| MP-6ARJ455NNA-020 | 20FT(6096+150/-0mm)   |
| MP-6ARJ455NNA-025 | 25FT(7620+150/-0mm)   |
| MP-6ARJ455NNA-030 | 30FT(9144+150/-0mm)   |
| MP-6ARJ455NNA-050 | 50FT(15240±200mm)     |
| MP-6ARJ455NNA-065 | 65FT(19812±200mm)     |



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:

| DECIMALS   | ANGLES |
|------------|--------|
| X ±X       | ±X°    |
| .XX ±.XX   |        |
| .XXX ±.XXX |        |



|          |    |
|----------|----|
| DRWN     | LF |
| CHECKED  | BA |
| RESP ENG |    |
| MFG ENG  |    |

ASPHENOL Cables on Demand  
20 VALLEY ST. ENDICOTT, NY 13760

ASPHENOL CBL RJ45/RJ45 CAT.6A FTP

| SIZE | DWG. NO.          | REV. |
|------|-------------------|------|
| A    | MP-6ARJ455NNX-XXX | A2   |

NOTES: UNLESS OTHERWISE SPECIFIED

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SCALE

SHEET

2 OF 2